CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Club, Chicago, Ill., Medinah Athletic Club, having plans prepared, $6,000,000.

Apartment hotel, Newark, N. J., L. Cohen, having plans prepared, $5,000,000.

Factory, Belvedere, Calif., B. F. Goodrich, having plans prepared, $4,000,000.

Roads, Bay City, Tex., Matagorda Co., voted bonds, $3,000,000.

Office, Ottawa, Ont., Secretary, Dept. Pub. Wks., soon takes bids, $3,000,000.

Theatres, Portland, Ore., West Coast Theatres, Inc., having plans prepared $3,000,000.

School, New York, N. Y., New York University, having plans prepared, $3,000,000.

Office, Pittsburgh, Pa., Koppers Co., having preliminary plans prepared, $2,000,000.

Hotel, Los Angeles, Calif., Biltmore Hotel Corp., having plans prepared, $2,000,000.

Factory, Chicago, Ill., A. S. Alschuler, soon takes bids for A. O. Rourke, $2,000,000.

Bridge approach, St. Louis, Mo., Bd. Pub. Serv., making preliminary plans, $1,500,000.

Office, Cincinnati, O., Fountain Sq. Building, Inc., having plans prepared, $1,415,000.

Hotel, Washington, D. C., Owner c/o B. S. Simmons, having plans prepared, $1,250,000.

Irrigation, Patterson, Calif., West Stanislaus Irrigation Dist., voted bonds, $1,-216,375.

Court house, Norristown, Pa., Montgomery Co., having plans prepared, $1,200,000.

Chapel, Cambridge, (Boston P. O.), Mass., Harvard College, having new sketches made, $1,000,000.

Apartment, Chicago, Ill., W. C. Bannerman & Co., having plans prepared $1,000,000.

Bids Desired

City hall, Philadelphia, Pa., June 14, by Dept. Pub. Wks., $1,600,000.

Contracts Awarded

Plant, Waukegan, Ill., North Shore Coke & Chemical Co., to Kopper Constr. Co., Pittsburgh, Pa., $12,000,000.

Office, St. Louis, Mo., M. P. R.R. Co., general contract to Humes-Deal Constr. Co., $2,000,000.

Storage warehouse, Detroit, Mich., Grand Trunk R.R. Terminal & Cold Storage Co., to Bryant & Detwiler, $2,000,000.

Theatre, Milwaukee, Wis., Water Grand Holding Co., to Lundoff & Bicknell, $1,650,000.

College, Indianapolis, Ind., Butler College, general contract to Hegeman & Harris Co., Chicago, Ill., $1,500,000.

Office, New York, N. Y., N. Y. Evening Journal to J. Lowey, Inc., $1,500,000.

Theatre, store and office, Portland, Me., A. S. Friend Cos., Inc., to J. D. Harrison Corp., New York City, $1,400,000.

Bridge, Philadelphia, Pa., Dept. Pub. Wks., to Dravo Constr. Co., Pittsburgh, $1,288,625.

Transformer unit, etc., Duluth, Minn., Minnesota Power & Light Co., work will be done by day labor, $1,250,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
June 10	West Hartford (br. Hartford), Conn.	June 2
June 13	Maple Heights (br. Cleveland), O.	June 9
June 13	Towson, Md.	June 9
June 14	St. Louis, Mo.	May 26
June 14	Long Island City, N. Y.	June 9
June 15	Baltimore, Md.	June 9
June 15	Arcadia, Calif.	June 9
June 17	Northville, Mich.	June 9
June 17	South Orange, N. J.	June 2
June 20	Grand Haven, Mich.	May 26
June 21	St. Louis, Mo.	June 2
June 22	Mohawk, N. Y.	June 2
	Adv. June 2 and 9.	
June 22	Detroit, Mich.	June 9
	Adv. June 2 and 9.	
June 27	Galesburg, Ill.	May 26
	Adv. May 26 to June 9.	
July 25	Buenos Aires, Argentine	May 26
	Adv. May 19 to June 9.	

Sewers

June 10	Parma (br. Cleveland), O.	June 9
June 13	Maple Heights (br. Cleveland), O.	June 9
June 13	Iron River, Mich.	June 2
June 13	Long Island City, N. Y.	June 9
June 14	Chicago, Ill.	June 9
June 14	Cleveland, O.	May 26
June 14	Sturgis, Ky.	May 26
June 14	Massachusetts	June 9
June 15	Brooklyn, N. Y.	June 9
June 15	Cleveland, O.	June 9
June 16	Syracuse, N. Y.	June 9
June 16	Massachusetts	June 9
June 17	Konowa, Okla.	June 9
June 20	Beverly Hills, Calif.	June 9
June 20	Los Angeles, Calif.	June 9
June 20	Plainfield, N. J.	June 9
	Adv. June 9.	
June 21	Kosciusko, Miss.	June 9
June 21	Elkins Park (Ind. br. Phila.), Pa.	June 9
June 21	Columbus, O.	June 9
June 23	Newark, N. J.	June 9
	Adv. June 9.	
June 23	Chicago, Ill	June 9
	Adv. June 9.	
June 24	Bolivar, N. Y.	June 9
	Adv. June 2 and 9.	
June 29	Haines City, Fla.	June 9
	Adv. June 9.	
June 29	Birmingham, Ala.	May 26
July 7	Louisville, Ky.	May 12

Bridges

Bids close		*See Eng. News-Record*
June 13	Omaha, Neb.	May 26
June 13	Orange City, Ia.	June 9
June 14	Hartford, Conn.	May 19
June 14	Texas	June 9
June 15	Portland, Ore.	June 9
June 15	New York	June 9
June 15	Point Pleasant, N. J.	May 26
June 15	Reading, Pa.	June 2
June 17	Columbus, Kan.	June 9
June 20	California	June 5
June 20	Monroe, Mich.	June 9
June 21	Hopewell, Va.	June 2
	Adv. June 2 and 9.	
June 22	Dayton, O.	June 2
June 22	Alabama	June 9
June 23	Richland, N. Y.	June 9
	Adv. June 9.	
June 27	Woodstown, N. J.	June 9
	Adv. June 9.	
July 1	Old Hickory, Tenn.	June 2
July 1	Shreveport, La.	June 9
	Adv. June 9.	
July 6	Louisiana	May 26
	Adv. May 26 to June 9.	
July 7	Florida	May 26

Dams

July 11	Los Angeles, Calif.	June 2
	Adv. June 2 and 9.	

Excavation. Drainage. Irrigation. Levees. River and Harbor

June 14	New Hampton, Ia.	June 9
June 21	New York	May 26
	Adv. May 26 to June 9.	
June 25	Lake Charles, La.	June 9
July 12	Granite City, Ill.	June 9

Streets and Roads

June 10	Freeport, N. Y.	June 2
June 10	Cincinnati, O.	June 2
June 10	Columbus, O.	June 2
June 10	New York	May 26
	Adv. May 26 to June 9.	
June 10	New Hampshire	June 9
June 10	Dayton, O.	June 9
June 10	New London, Conn.	June 9
June 11	Cleveland, O.	June 9
June 13	Akron, O.	June 9
June 13	Lincoln, Neb.	June 9
June 13	Okmulgee, Okla.	June 9
June 13	Springfield, Ill.	June 9
June 13	Maple Heights (br. Cleveland), O.	June 9
June 13	East Grand Forks, Minn.	June 9
June 13	Omaha, Neb.	June 9
June 13	New Jersey	May 26
June 13	Jacksonville, Fla.	June 2
June 13	Weatherford, Tex.	June 2
June 13	Alice, Tex.	June 2
June 14	Massachusetts	June 2
June 14	Maryland	June 2
	Adv. June 2 and 9.	
June 14	Sanderson, Tex.	June 9
June 14	South Carolina	June 9
June 14	Columbus, O.	June 9
June 14	Lewisburg, W. Va.	June 9
June 14	Wisconsin	June 9
June 14	Mediapolis, Ia.	June 9
June 14	Maud, Okla.	June 9
June 14	Teaneck (mail West Englewood), N. J.	June 9
June 14	Massachusetts	June 9
June 14	South Carolina	June 9
June 14	Florence, S. C.	June 9
June 15	Janesville, Wis.	June 9
June 15	Mt. Vernon, Wash.	June 9
June 15	Boston, Mass.	June 9
June 15	Denver, Colo.	June 9
June 15	Brooklyn, N. Y.	June 9
June 15	St. George, N. Y.	June 9
June 15	Baltimore, Md.	June 9
June 15	Ann Arbor, Mich.	June 9
June 15	Anderson, Ind.	June 9
June 15	Portland, Ore.	June 9
June 15	Michigan	June 9
June 15	Reading, Pa.	June 2
June 15	Erlanger, Ky.	June 2
	Adv. June 2 and 9.	
June 15	Barberton, O.	May 19
June 15	Delaware	May 26
June 16	Grove City, Kan.	May 26
June 16	Brownsville, Tex.	June 9
June 16	Michigan	June 9
June 16	Meadville, Pa.	June 9
	Adv. June 9.	
June 16	Phila., Pa.	June 9
June 16	Drumright, Okla.	June 9
June 16	Newkirk, Okla.	June 9
June 16	Glendale, Calif.	June 9
June 17	Creighton, Neb.	June 9
June 17	Cincinnati, O.	June 2
June 17	Virginia	June 2
June 20	New Jersey	June 2
	Adv. June 2 and 9.	
June 20	Martinez, Calif.	June 2
June 20	Duluth, Minn.	May 5
June 20	Syracuse, N. Y.	June 9
June 20	Pelham (Ind. br. New York), N. Y.	June 9
	Adv. June 2 and 9.	
June 20	Houston, Tex.	June 9
June 21	Columbus, O.	June 2
June 21	Florida	June 2

See proposal advertising on page 151

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TRADE "LEADITE" MARK

Registered U. S. Pat. Office

Good Pipe Joints

Laying 36-in. c.i. Water Mains with Leadite Joints

Has it occurred to you why so many water works men are using Leadite for making joints in all sizes of cast iron water mains?

There are many sound reasons.

The most important reason is that experience has proven Leadite joints are good joints and improve with age.

The other reasons relate to saving in the cost of material and labor.

Leadite facilitates rapid completion of the work.

Leadite saves money from every angle of pipe laying.

Anyone can make Leadite joints; Leadite is very easy and simple to handle.

Yarn the joint, pour it full of molten Leadite, and the joint is finished.

If you have never tried Leadite, do not pass up a good thing without investigating it.

Give Leadite a trial.

Leadite resists electrolysis.

Leadite does not corrode or rust.

Leadite has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with Leadite are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking Material for c.i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
June 21	Michigan	June 9
June 21	Maryland Adv. June 9.	June 9
June 21	Greenwood, Miss.	June 9
June 22	Alabama	June 9
June 22	Manhattan, Kan.	June 9
June 22	Gordon, Neb.	June 9
June 23	Louisiana	June 9
June 23	Alma, Kan.	June 9
June 23	Pennsylvania Adv. June 9.	June 9
June 23	Poughkeepsie, N. Y. Adv. June 9.	June 9
June 24	Maryland	June 9
June 24	Pennsylvania Adv. June 9.	June 9
June 24	Tennessee	May 26
June 27	Birmingham, Ala.	June 2
June 28	Louisiana	June 9
June 28	Osborne, Kan.	June 9
June 28	St. Louis, Mo.	June 9
June 29	Birmingham, Ala.	May 12
June 29	Birmingham, Ala.	May 26
June 29	St. Louis, Mo.	June 9
June 30	Kentucky	June 9
July 7	Brookhaven, Ind.	June 9
July 15	Anderson, Ind.	June 2

Buildings—Commercial

June 14	Phila., Pa.	June 9
June 14	Cleveland, O.	June 9
June 15	Chicago, Ill.	June 9
June 15	Baltimore, Md.	June 9
June 15	St. Louis, Mo.	June 9
June 17	Wash., D. C.	June 9
June 21	Monson, Mass.	June 9
June 21	St. Louis, Mo.	June 2
June 22	Monroe, La.	June 9
June 22	Pittsfield, Mass.	June 9
June 29	Thiells, N. Y. Adv. June 9.	June 9
June 30	Bremerton, Wash.	May 19
July 8	Trenton, N. J.	June 9

Buildings—Industrial

June 10	Phila., Pa.	June 9
June 14	Chestnut Hill (sta. Phila.), Pa.	June 9
June 22	Taunton, Mass.	June 9

Buildings—Educational, Religious

June 13	Pennsylvania	June 9
June 14	Racine, Wis.	June 9
June 14	Hartford, Conn.	June 9
June 16	Mankato, Minn.	June 9
June 16	Springfield, Mass.	June 9
June 16	Pittsburgh, Pa.	June 9
June 16	Akron, O.	June 9
June 18	Simsbury, Conn.	June 9
June 20	Cambridge (br. Boston), Mass.	June 9
June 21	Winona, Minn.	June 9
June 21	Far Rockaway, N. Y.	June 9
June 21	New York, N. Y.	June 9
June 21	Hollis (mail Jamaica), N. Y.	June 9
June 21	Northampton, Mass.	June 9
June 23	Kingston, N. Y. Adv. June 9.	June 9

Federal Government Work

June 10	Roads—Jeffersonville, Ind.	June 9
June 11	Repairing Sea Wall—Fort Slocum (Ind. br. New Rochelle), N. Y.	May 26
June 11	Dredging—Michigan	May 26
June 13	Post Office, etc.—Marianna, Fla.	May 12
June 13	Revetment—Machens, Mo.	June 2
June 14	Boat—Huntington, W. Va. Adv. May 19 to June 9.	May 19
June 14	Water Softening Plant—Waukesha, Wis.	May 26
June 14	Road—South Dakota	June 9
June 15	Turbo Alternator—Parris Island, S. C.	May 26
June 15	Refrigeration Equipment—Lakehurst, N. J.	June 2
June 15	Road—California	June 2
June 15	Pile Driving—Boston, Mass.	June 9
June 15	Roofing—Kansas City, Mo.	June 9
June 15	Dredging—Ft. Wright (Fishers Island P. O.), N. Y.	June 9
June 15	Retaining Walls, etc.—Cheboygan, Mich.	June 9
June 16	Boiler—Washington, Pa.	May 26
June 16	Piers—Olcott, N. Y.	May 26
June 17	Mezzanine—Phila., Pa.	May 26
June 17	Dredging—Phila., Pa.	May 26
June 17	Dredging—Chicago, Ill.	June 9
June 17	Timber Groines—Buckroe Beach, Va.	June 9
June 17	Revetment—Westalton, Mo.	June 9
June 20	Steel Bodies—Staten Island, N. Y.	June 9
June 20	Boiler—Victoria, Tex.	June 2
June 21	Garage—New York, N. Y.	May 26
June 21	Oil Line—Northport, N. Y.	May 26
June 21	Dredging—Oakland, Calif.	June 9
June 21	Boiler—Albert Lea, Minn.	June 9
June 21	Boiler House, etc.—Marcus Hook, Pa.	June 9
June 22	Reroofing—New London, Conn.	June 9
June 22	Heating System—San Diego, Calif.	June 9
June 22	Heating System—Parris Island, S. C.	June 9
June 22	Boiler—Jackson, Mich.	June 9
June 22	Post Office—Bayonne, N. J.	May 26
June 22	Reservoir, etc.—Parris Island, S. C.	May 26
June 22	Hangar Doors—Anacostia (sta. Wash.), D. C.	May 26
June 22	Road—Norfolk, Va.	May 26
June 22	Barracks—Guantanamo, Cuba	May 26
June 23	Dredging—Delaware and Maryland Adv. May 26 to June 9.	May 26
June 23	Boiler—Columbus, Ga.	June 9
June 24	Boiler—Carville, La.	June 9
June 24	Lift—Johnstown, Pa.	June 2
June 24	Lockkeepers House—Pittsburgh, Pa. Adv. May 26 to June 9.	May 26
June 25	Barracks—Mt. Clemens, Mich. Adv. June 2 and 9.	June 2
June 27	Remodeling—Ashland, O.	June 9
June 27	Post Office—Coeur D'Alene, Idaho	June 9
June 27	Boiler—Baker City, Ore.	June 9
June 28	Storage Addition—Phila., Pa.	June 9
June 28	Water Supply—New Haven, Conn.	June 9
June 28	Heating—Galveston, Tex.	June 9
June 28	Post Office—Tomah, Wis. Adv. June 2 and 9.	June 2
June 29	Dredging, etc.—Maine Adv. May 26 to June 9.	May 26
June 30	Water Piping—New York, N. Y.	Jnue 9
July 1	Lock Gate—Pittsburgh, Pa. Adv. June 2 and 9.	June 2
July 1	Dredging—Rhode Island Adv. June 2 and 9.	June 2
July 5	Barracks—Fort Humphreys, Va. Adv. June 9.	June 9
July 6	Post Office—Batavia, Ill. Adv. June 9.	June 9
July 6	Dredging—New Jersey Adv. June 9.	June 9

Unclassified

June 10	Track Materials—New York, N. Y.	June 2
June 10	Stadium—Muskegon, Mich.	May 19
June 11	Swimming Pool and Auditorium—Pittsfield, Mass.	June 2
June 13	Culverts—Omaha, Neb.	June 9
June 14	Power Equipment—Pasadena, Calif.	June 2
June 14	Lighting System—Oak Park, Ill.	June 2
June 17	Steam Turbine Generator—St. Louis, Mo.	June 9
June 17	Baffle Wall—Chariton, Ia.	June 9
June 20	Lighting System—Beverly Hills, Calif.	June 9
June 22	Fences—Providence, R. I. Adv. June 9.	June 9
June 22	Exit Facilities, Electrical Work, Stairs, etc.—Kings Park, N. Y. Adv. June 9.	June 9
June 23	Tunnel—Kent, O.	July 9
June 23	Heating, etc.—Oxford, N. Y. Adv. June 9.	June 9
June 24	Subway—New York, N. Y.	June 9
June 28	Street Lighting System—St. Louis, Mo.	June 9

Materials

June 10	Cement and Asphalt Sand—Cleveland, O.	June 9
June 11	Limestone Chats—South Carolina	June 9
June 13	Wood Poles—Milwaukee, Wis.	June 9
June 15	Calcium Chloride—South Carolina	June 9
June 15	Steam Cinders—Brooklyn, N. Y.	June 9
June 15	Lumber, etc.—New York, N. Y.	June 9
June 15	Steel—Boston, Mass.	June 9
June 16	Piston Heads, etc.—Phila., Pa.	June 9
June 16	Copper Bonding Wire, Rail Bonds, etc.—Phila., Pa.	June 9
June 17	Oils and Greases—South Carolina	June 9

News of the Week

Waterworks

Proposed Work

Mass., Arlington—Plans extending mains in various streets. $60,000 appropriated. Private plans.

Miss., Macon — Voted $18,000 bonds, waterworks improvements.

La., Monroe — Made preliminary plans complete waterworks. $600,000. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs. Noted Feb. 24.

Mich., Royal Oak (Ind. br. Detroit)—Making plans 6- to 12-in. c.i. main extensions, incl. connections and appurtenances into annexed territory. $80,000. E. M. Shafter, City Hall, engr.

Ill., Kewanee—Making plans and specifications pumping equipment incl. deep well or air light pumps. To exceed $5,000. Burns & McDonald Eng. Co., 400 Interstate Bldg., Kansas City, Mo., engrs.

Ill., Kewanee—Plans various sized mains in Central Blvd., Beach Ave., etc. $15,000. J. G. Palmer, City Hall, engr.

Ill., Rockford—Plans mains in Wallace, East State, Vernon and Sherman Sts., etc. $15,000. H. Wolcott, City Hall, engr.

Ill., Springfield—Plans mains in Elizabeth, 16th and 19th Sts., Converse and Moffats Aves., etc. $15,000. W. Seeley, City Hall, engr. Noted May 26.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ia., Marengo—Voted $18,000 bonds, improving waterworks and distribution systems, incl. new wells, main extensions, etc. L. Higgins, 211 Continental Bldg., Des Moines, engr.

Kans., Alta Vista — Defeated $38,000 bonds, waterworks. C. A. Haskins, 822 Finance Bldg., Kansas City, Mo., engrs. Noted May 12.

Kan., Chetopa—Made plans waterworks and lighting system, incl. 350 hp. oil engine direct connected 2,300 volt a.c. generator, etc. $70,000. R. C. Moore, Joplin Natl. Bank Bldg., Joplin, Mo., engr.

Kan., Topeka—City, c/o A. M. Covell, clk., making plans waterworks improvements in Oakland Dist. 1. $100,000. S. A. Sulentic Consult. Eng. Co., Inc., New England Bldg., consult. engrs.

Neb., Rushville — Voted $22,000 bonds, improving waterworks.

Mo., Cape Girardeau — Missouri Utilities Co., 400 Bway., making preliminary plans waterworks, pumping and filtration plant, etc., at Cape Rock. $176,500. Private plans.

Tex., Crosbyton—Voted $25,000 bonds, waterworks improvements. Address Mayor.

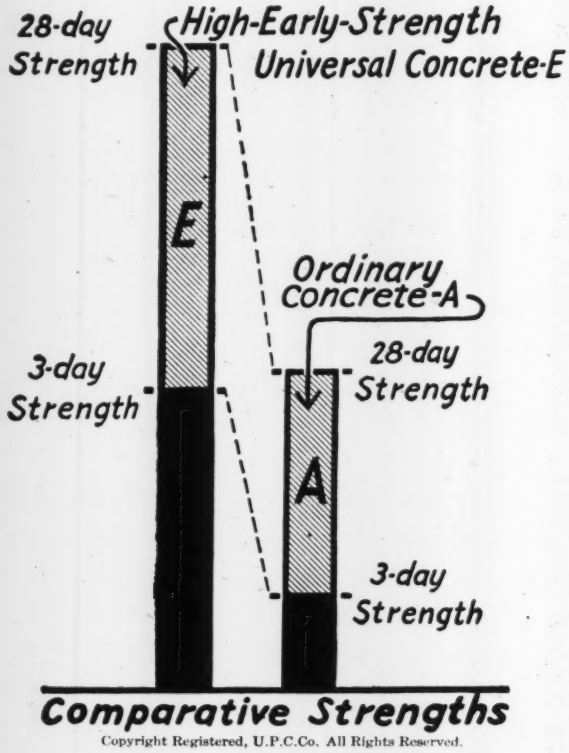
Tex., Merkel — Rejected bids May 16, wells, pumphouse, reservoir, etc. Will readvertise. Hawley & Roberts, Box 1115, Lubbock, engrs.

Tex., Plainview—Voted $25,000 bonds, waterworks improvements, extending mains, etc. in various streets. Address Mayor. Noted May 12.

Constr. News page 366

Strong Concrete in 3 *Days*; *Better* Concrete Forever After;

When You Get One You Get the Other!



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You can obtain concrete with a *3-day* strength equal to the *28-day* strength of ordinary concrete, with a *28-day* strength about twice that of ordinary concrete, and with an *ultimate* strength much greater than that of ordinary concrete by using fully tested methods and standard — not special — Universal cement.

This concrete can be made as workable as desired. It is being used on all types of jobs. The accompanying coupon will bring full details promptly.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

UNIVERSAL PORTLAND CEMENT CO.,
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods of securing strong concrete in 3 days with the usual materials.

Name .....

Address .....

.....

ENR 6-9-27

Waterworks (Continued)

Tex., San Benito — Central Power & Light Co, c/o S. M. Udden, Frost Bldg., San Antonio, making plans, etc., 1½ m.g. p.d. water filtration plant, along irrigation canal, near here. $150,000. Private plans.

Tex., Turkey — Making plans waterworks, incl. 50,000 gal. reservoir, 6- to 8-in. mains, 2- to 3-in. laterals, pumping unit, etc. $45,000. C. L. Hasie, Memphis, engr. Noted May 19.

Okla., Arnett—Made preliminary plans waterworks. $30,000. C. V. Word, Arnett, engr.

Okla., Byars—Plans new waterworks. $40,000. E. W. Gantt, 1116 West Main St., Oklahoma City, engr.

Okla., El Dorado—Making preliminary plans improving water works, incl. mains, pumping equipment, etc. $110,000. Address Mayor. Engineer not selected.

Okla., Tahlequah — Making preliminary plans new 18,700 ft. 8 and 10 in. c.i. pipe, water supply, etc., from Duffy Springs. Election soon $40,000 bonds, for same. R. C. Dohe, Tahlequah, engr.

Wash., Seattle—Plans relining Lincoln Park Reservoir. $25,000. L. M. Grant, supt. Water Dept.

Calif., Burlingame — Voted $175,000 bonds, pipe line renewals; and $50,000 bonds, reservoir. Noted Mar. 3.

Calif., Long Beach—Plans mains in Belmont Shore and Naples Section. To exceed $150,000.

Calif., Santa Maria — Voted $65,000 bonds, soft water system. Water to be pumped and piped from wells 4½ mi. south of here.

Ont., Tweed—Making plans waterworks, incl. 2½ mi. 6 in. and up c.i. mains, valve chambers, hydrants, specials and house connections. $40,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Que., Montreal—Soon takes bids mains in various streets. $250,000. H. A. Terreault, city engr.

Bids Desired

N. Y., Long Island City—June 14, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 28th, Goethals, 33rd, 43rd, 87th, Britton, Grand, and Woodward Aves., 136th, 155th, 156th, 157th, 159th Sts., etc., here.

Md., Baltimore—June 15, by Bd. Awards, mains in Wagners Point and Fairfield Rds. G. F. Wieghardt, City Hall, water engr.

Md., Towson—June 13, by Comrs. Baltimore Co. excavating 71,000 lin.ft. trenches, Proposal 12-W; and laying 71,000 lin.ft. 6- to 20-in. mains, Proposal 13-W. A. E. Walden, Towson, ch. engr. Metropolitan Dist.

O., Maple Heights (br. Cleveland)—June 13, by Village, mains in Hazelwood, Edinboro, Knoll and Lewis Aves. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

Mich., Detroit—June 22, by Bd. Water Comrs., 176 East Jefferson Ave., two 1½ m.g. elevated steel water tanks and towers, G. H. Fenkell, genl. mgr.; adv. E. N.-R. June 9.

Mich., Northville—June 17, by W. Gutman, secy. Wayne Co. Auditors, County Bldg., 6,945 ft. 6- to 16-in. mains, valves, etc., and elevated steel water tank 150,000 gal. capacity. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Missouri—See "Contracts Awarded."

Tex., Point Isabel—See "Unclassified."

Okla., Seminole—Mayor and City Council in market three 60 g.p.m. capacity deep well pumps and 7 hp. motors for each.

Calif., Arcadia—June 15, by G. G. Meade, city clk., 250,000 gal. concrete reservoir. G. B. Watson, city engr.

Ont., Goderich—Water Comn., L. L. Knox, secy., taking bids gasoline driven pumps for proposed auxiliary system.

Contracts Awarded

Mass., Fitchburg—Water supply, incl. 100 m.g. reservoir, to P. K. Keating, 280 Main St., $279,500. Engrs. est. $450,000. Noted May 5.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 33rd Ave., etc., to B. Costanzo, 115 117th St., Richmond Hill, $17,300; and in Rockaway Blvd., to J. D'Amato, Rockaway Beach, $42,494. Noted May 19.

Pa., Phila. — Dept. Wks., Bureau of Water, Contr. 862, to J. B. McHugh, 1617 Race St., $8,890; Contr. 872, to Acme Machine Co., 316 North 17th St., $16,687; Contr. 880, to C. Warner Co., Penn Bldg., $9,900; and Contr. 882, to J. B. McHugh, 892 North Markoe St., $4,300. Grand total $39,777. Noted May 26.

Va., Clarenden—Bd. Supervs. Arlington Co., mains in various streets, to W. H. Angle Co., Hagerstown, Md., $287,438. Noted Apr. 28.

O., Cincinnati—Hamilton Co., 68,687 ft. 6- to 10-in. c.i. mains in Water Supply Line 49, Dists. 4 and 6, to Crumley, Jones & Crumley, Temple Bar Bldg., $183,924. Engrs. est. $225,952. Noted Mar. 31.

Mich., Detroit—Bd. Water Comrs., 176 East Jefferson Ave., approximately 2 mi. 12 in. section water tunnel, to Mark R. Hanna Co., Ryan Rd. and Nevada Ave., $687,450. Noted Apr. 21.

Ill., Glencoe—For 3 m.g. filtration plant and water supply, etc., to Allied Contractors, Inc., 1803 Douglas St., Omaha, Neb., $326,150; 16 in. intake line, etc., to Nelson Bros., Holthe & Beauvais, Muskogan, Mich., $78,940. Noted May 12.

Ill., Glenview—See "Sewers."

Missouri—St. Louis County Water Co., W. H. Henby, pres., 6600 Delmar Ave., University (Sta. St. Louis) will construct 6 mi. 20 in. c.i. main on Warson Rd. supplying South Wester Groves, 4 mi. 12 in. and 12 mi. 6 and 8 in. mains, 3 earth walls, brick lined settling basins, Hines Station, on Missouri River, and 3 story, 41 x 44 ft., fireproof extension to office building, 6,600 Delmar Ave., University (Sta. St. Louis), by day labor. $375,000. Private plans.

Sewers

Proposed Work

R. I., Providence—Plans sewers in Barstow, Maynard, Broom, Donelson and Clematis Sts. $25,000. Private plans.

Conn., Waterbury—Plans 3 sewers in Overlook Dist. $45,000. R. A. Cairns, city engr.

N. Y., Syracuse—Plans approximately 13 mi. 6- to 30-in. concrete, rein.-con., vitr. clay or tile sewers in various streets in Onondaga Valley Annexation. $250,000. N. F. Pitts, Jr., City Hall, engr. Noted Dec. 22.

Mich., Detroit—Dept. Pub. Wks. made plans 35,253 ft. 12- to 24-in. vitr. crock sewers, etc., in Laterals 4828, 4840, 4842, 4844 and 4854, 846 ft. 15- to 24-in. in Lateral 4833, 1,852 ft. 12- to 20-in. in Laterals 4853 and 4855, 5,265 ft. 12- to 18-in. in Laterals 4848 and 4846, and 376 ft. 12- to 15-in. in Lateral 4849. P. A. Fellows, city engr.

Ill., East St. Louis—Takes bids about July 1, 14,900 ft. 8- to 36-in. vitr. clay sewers, 22,000 ft. vitr. clay house connections, 64 manholes, etc., in North End Sewer Dist. $89,000. W. McK. Brown, City Hall, engr. Noted Jan. 13.

Wis., Fond du Lac — Soon takes bids sewage disposal plant. Alvord, Burdick & Howson, 6 South Dearborn St., Chicago, Ill., engrs.

Ia., Sutherland — Making preliminary plans sewage disposal plant and 18,000 ft. 8- to 12-in. vitr. clay sewers in various streets. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Ia., Washington—Making preliminary surveys revising and extending storm and sanitary sewers in various streets. H. R. Green Co., 208 Beaver Bldg., Cedar Rapids, engrs.

Neb., Dorchester—Making plans complete sewerage system and disposal plant. $35,000. Grant-Fulton & Letton, 525 South 13th St., Lincoln, engrs.

Tex., Plainview—Voted $25,000 bonds, sewers in various streets. Address Mayor.

Okla., Noble—Plans 3 mi. new sewers in various streets. E. W. Gantt, 1116 West Main St., Oklahoma City, engr.

Calif., Los Angeles—Los Angeles Co., making plans approximately 8 mi. cement sewers in Bairdstown Unit 1, Impvt. 510. To exceed $115,000. County Eng. Dept., engrs.

Calif., Los Angeles—Plans constructing 47,500 ft. main sewer in Fairburn Ave. and Ohio Ave. Sewer Dist., 14,318 ft. sewer in Swetzer Ave.; 55,075 ft. 12- to 69-in. rein.-con. storm drain in Slauson Ave. Sect. 3, and 66,575 ft. in Slauson Ave. Storm Drain System 4; also 39,200 ft. Slauson Ave. Drain System 1. E. W. Tuttle, City Hall, annex, engr.

Calif., Lynwood—City Trustees, C. L. Stoddard, city clk., plans vitr. sewer in Dist. 7. To exceed $75,000.

Calif., Lynwood—Making plans vitr. sewers in Dists. 8, 9 and 10. To exceed $75,000 each.

Calif., Mill Valley—Made plans vitr. and c.i. sewers in Miller Ave., etc. Acq. and Impvt. Dist. 1. To exceed $35,000. G. A. Steele, c/o W. Falley, town clk., consult. engr.

Ont., Toronto—York Twp. making plans 3,400 lin.ft. 8 in. and up vitr. tile separate storm and sanitary sewers in Massom Rd. and Riverside Dr. $33,705. F. B. Goedike, 40 Jarvis St., engr.

Ont., Tweed—Making plans 1.7 mi. 8 in. and up vitr. tile sewers in various streets. $35,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Que., Montreal—Soon takes bids sewers in various streets. $43,000. H. A. Terreault, city engr.

Bids Desired

Massachusetts—June 14, by Dept. Pub. Wks., Boston, sewerage works in various streets in West Roxbury and Brighton. $25,000. J. H. Sullivan, comr.

Massachusetts—June 16, by Dept. Pub. Wks., Boston, sewerage works in various streets in Roxbury and West Roxbury. $25,000. J. H. Sullivan, comr.

N. Y., Bolivar—June 24, by Bd. Village Trustees, H. L. Wilber, clk., sewerage system and disposal plant. C. C. Hopkins, Rochester, engr.; adv. E. N.-R. June 9.

N. Y., Brooklyn—June 15, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewer in Linden Blvd., Ocean Ave., Bay 10th, East 3rd and East 55th Sts.

N. Y., Long Island City—June 13, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Jansen, Lee, 37 (Polk), and 114th Aves., Decker, Grand, Nagy, 120th, 122nd and 123rd Sts.

N. Y., Syracuse—June 16, by Intercepting Sewer Bd., City Hall, 550 ft. 30 in. sewer in Elm St. G. Holmes, City Hall, engr.

N. J., Newark—June 23, at City Hall, constructing Sect. V, Supplementary Joint Trunk Sewer in East Orange, Irvington, Newark, Roselle Park, South Orange, Summit, and West Orange, Hillside, Maplewood, Millburn, and Union Twps. A. Potter, 50 Church St., New York City, engr.; adv. E. N.-R. June 9.

N. J., Plainfield—June 20, by Common Council, City Hall, 1,300 lin.ft. 39 in. rein.-con. sewer in New, West Front, and Grove Sts. A. W. Vars, city engr.; adv. E. N.-R. June 9.

Pa., Elkins Park (Ind. br. Phila.)—June 21, by Bd. Comrs. Cheltenham Twp., 41,300 ft. 8- to 18-in. vitr. clay sewers, etc. in Melrose-Oak Lane Dist. 6. Albright & Mebus, 1502 Locust St., Phila., and 37th South Easton Rd., Glenside, engrs. Noted May 5.

Fla., Haines City — June 29, by City Comn., City Hall, sewers, sewage disposal plant and sewage pumping stations. Wiedeman & Singleton, 1404 Candler Bldg., Atlanta, Ga., consult. engrs. J. J. Hill, city engr.; adv. E. N.-R. June 9.

Miss., Kosciusko—June 21, by J. W. Fletcher, city clk., 210 manholes, pumping equipment, building, and 73,150 ft. 8- to 12-in. sewers in various streets. $90,000. M. L. Culley, 1st Natl. Bank Bldg., Jackson, engr.

O., Cleveland—June 15, by City, sewers in various streets. To exceed $25,000. R. Hoffman, City Hall, engr.

O., Columbus—June 21, by W. H. Duffy, dir. Pub. Serv., 9,452 ft. 8- to 60-in. vitr., concrete, monolithic, or brick and concrete sewer in Southwest Relief Drain, $327,000; also 2,154 ft. 36- to 60-in. storm sewer in North High St., $93,601. R. H. Simpson, city engr.

O., Parma (br. Cleveland)—June 10, by Village, sewer and water curb connections in 20 streets (3 groups). To exceed $25,000. R. F. MacDowell, 12th Bldg., Cleveland, engr.

O., Maple Heights (br. Cleveland)—June 13, by Village, sewer in Center Rd. Outlet 3, $80,000; and Hazelwood, Edinboro, Knoll, Lewis and Garfield Aves., to exceed $50,000. Former bids rejected. C. W. Courtney, 1770 East 11th St., engr. Noted May 12.

Ill., Chicago — June 14, by Bd. Local Impvts., City Hall, tile sewers with brick manholes in portions South Green St., South Ayers, Saginaw, Buffalo, South California, Eggleston, North Latrobe, Jersey, Lincoln, North Kilpatrick, North Kolmar, and Emerald Aves.; also drains in portions East 85th Pl., South Leavitt, South May, North, Nevada, East 86th, South La Salle Sts., Ave. G., South Ashland, North Austin, North Long, North Lotus, Lowell, Mackinaw, Drake, Louis, Trumbull, Christiana, North Spaulding, Parker, North Schubert, Wrightwood, Constance, Bennett, Euclid, Lafayette, Berry, Wentworth, Princeton and Harvard Aves. M. J. Faherty, pres.

Ill., Chicago — June 23, by H. C. W. Laubenheimer, clk. Sanitary District of Chicago, 910 South Michigan Ave., Salt Creek Intercepting Sewer Contr. 1 in Stickney; adv. E. N.-R. June 9.

Wis., Janesville — See "Streets and Roads."

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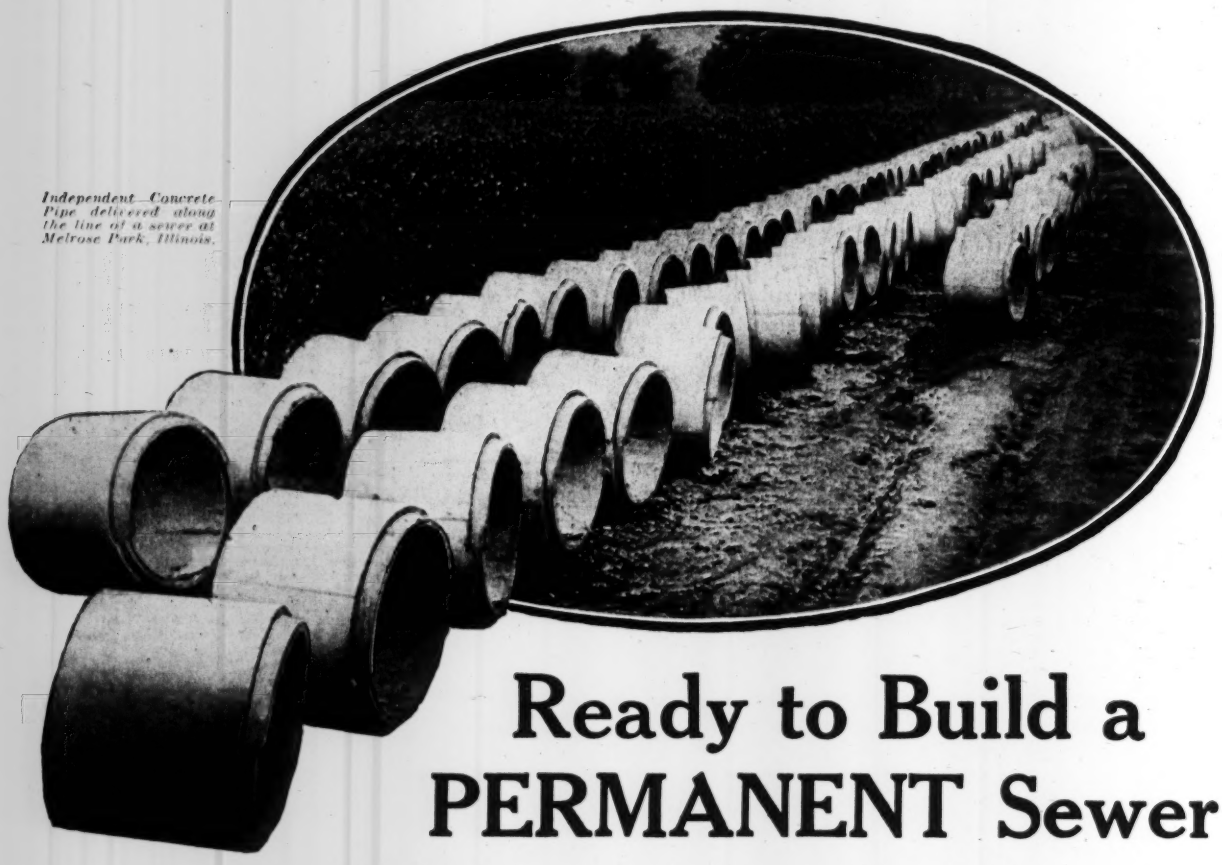

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Sewers (Continued)

Tex., Galveston—Taking bids 3 mi. 18- to 30-in. trunk sewers and 15 mi. 8- to 12-in. laterals in various streets. $500,000. C. A. Holt, Jr., city engr.

Okla., Konawa—June 17, by O. Damron, city clk., sewage disposal plant and 27,400 ft. 6- to 12-in. tile sewers in all streets. $65,000. J. C. Milliken Continental Bank Bldg., Oklahoma City, engr. Noted Apr. 21.

Calif., Beverly Hills—June 20, by B. J. Firminger, city clk., 713 ft. 12- to 21-in. corrugated iron storm drain, etc. in Lomitas Ave. J. C. Albers, city engr.

Calif., Los Angeles—June 20, by Bd. Pub. Wks., approximately 11 mi. rein.-con. storm drain in Westgate Ave. and Mississippi St., etc. To exceed $650,000. J. Shaw, City Hall, engr.

Contracts Awarded

Conn., Greenwich—Sewer Comrs., H. E. Senft, chn., constructing Sewage Pumping Stations A, C, D, E, F, G, in Sewer Dist, 1, South Beach, to Kuchar Bros., Montvale, N. J., $90,015. Lowest bidder on 53,000 ft. 8- to 15-in. sewers, Trimcoli & Roche, 124 Altmont Ave., Schenectady, N. Y., $239,148. Noted Apr. 21.

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, sewers in various streets in North Sect. Eastwood, here, to Mondo Constr. Co., City Bank Bldg., $79,759. Noted Feb. 3.

N. J., Teaneck (mail West Englewood)—Twp. Com., Municipal Bldg., Teaneck Rd. and Cedar Lane, 45,000 ft. laterals and subtrunks, 8- to 12-in. in Northeast Dist., Contr. "U," to Giovannone Constr. Co., 3 Tyson Pl., Bergenfield. Noted May 5.

N. J., Teaneck (mail West Englewood)—Twp. Com., Municipal Bldg., Teaneck Rd. and Cedar Lane, 15,000 ft. trunk sewers in Northeast Dist., Contr. "T," to Kuchar Bros., Montvale, $164,569. Noted May 5.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, main sewer in Garland St., to A. DiSandro & Son, 6400 North 5th St., $21,170; and Washington Lane, to M. J. Driscoll, 100 West Aspley St., $27,410. Noted May 19.

W. Va., Huntington—Concrete, brick and vitr. sanitary sewers north of Baltimore & Ohio R.R. tracks, storm sewers between Jefferson and Madison Aves., Southland addition sewer, to S. R. Bishop & Co., Huntington, $43,854.

Ala., Birmingham—Approximately 2.5 mi. concrete, brick and clay sewer in Graymont Sect., to E. H. Reeder Constr. Co., Amer. Trust Bldg., $148,000 engrs. est. $150,200, and 6 blocks Mechanicsville Sect., Ensley, to J. J. Godard, 436 Powell Ave., $8,186 engrs. est. $8,500; 3 blocks sanitary sewer in 28th St. and 17th Ave., and 4 blocks 85th and 7th Sts., 2nd Ave. and 3rd Alley, to A. H. Dimijian, Woodward Bldg., $1,992 and $2,721 respectively, engrs. est. $2,100 and $3,100 respectively. Grand total $160,899. Noted May 5 and 26.

O., Canton—Bd. Control, constructing Shriner Run Sewer 3, to C. S. Reed Co., 1135-16th St. N.W., $98,245. Engrs. est. $100,000. Noted Mar. 17.

O., Cleveland—To Kassouff & Co., 2400 Althen Ave., sewers in Memphis Ave., 3,198 ft. 3 ft. 3 in. to 6 ft. brick and 4,086 ft. 12- to 24-in. vitr. tile pipe, $81,397; to W. B. Smith, 1350 West 89th St., 352 ft. 24 in. vitr. tile sewer in Bellaire Rd. $3,043, 790 ft. 8- to 18-in. Broadview Rd. $2,119, and 1,540 ft. 12- to 15-in. Larchwood Ave. $3,488; to E. Cesa, 2,462 ft. 12- to 24-in. Crossburn Ave., $10,143; to Amato Constr. Co., 12506 Union Ave., 1,610 ft. 18- to 24-in. Holmden Ave., $10,747; to E. P. Langenhan Contg. Co., Marshall Bldg., Rocky River Dr., $1,987; to W. P. Burkhardt, 3905 West 20th St., 960 ft. 12 in. sewer Wichita Ave. $2,596, and 480 ft. 12 in. sewer West 19th St. $2,613; to N. J. Galvin, 16311 St. Clair Ave., 1,150 ft. 15- to 18-in. Wilton Ave., $4,032; and to Assad Constr. Co., 3129 Scranton Rd., 550 ft. 20 in. sewer East 55th St., $3,918. Grand total $126,083. Noted May 12.

O., Columbus—W. H. Duffy, dir. Serv., 5,750 ft. 30 in. monolithic and 76,397 ft. 8- to 21-in. vitr. sewer in Glen Echo section, to Bucanelly Constr. Co., Pittsburgh, Pa., $269,000. Noted May 12.

O., Youngstown — Concrete sewer in Andrews Ave. to Crab Creek, to A. P. O'Horo, 468 Alameda St. $25,080. Engrs. est. $25,000.

Mich., Detroit—Dept. Pub. Wks., constructing 12- to 24-in. vitr. crock lateral sewers in Lateral Sewer 4747 and 4829, to J. Monte, 3049 Russel St., $34,800, Lateral Sewer 4765, to F. Di Cicco & Son Co., 521 East State Fair Ave., $22,620, Lateral Sewer 4776, to P. Cappello, 9329 Kresge St., $12,500, Lateral Sewer 4832, to S. Farino, 593 South Bayside St., $5,800, and Lateral Sewer 4837, to A. Tadipole, 516 Transportation Bldg., $1,050. Grand total $76,770.

Ill., Glenview—Sewers in various streets, to U. S. Constr. Co., 42 East Pearson St., Chicago $28,900, and to T. J. Prendergast, 118 North La Salle St. $36,695; also water service pipes, to G. D. Hardin, 3139 Indiana Ave., Chicago, $7,735. Grand total $73,530. Noted May 5.

Wis., Milwaukee—Metropolitan Sewerage Comn., J. H. Fowles, secy., 508 Market St., Fox Point Main Sewer, Sect. 1, Contr. 42, 9,060 ft. 42 in. concrete pipe, 350 vertical ft. standard and 42 vertical ft. drop manholes, etc., to Wenzel & Henoch, 49th and State Sts., $252,155.

Minn., North St. Paul—Complete sewerage system, incl. 64,100 ft. 8- to 21-in. vitr. tile, 185 manholes, etc. to A. Guthrie & Co., 1209 Builders Exch. Bldg., St. Paul, $88,856; and disposal plant, to Donovan Constr. Co., 1101 Builders Exch. Bldg., St. Paul, $31,125. Noted Mar. 17.

Wash., Tacoma—For 8- to 12-in. trunk sewer in Pearl and connecting streets in North End, to Olympic Constr. Co., 1326 Northlake Ave., Seattle, $156,895. Engrs. est. $178,584.

Calif., Los Angeles—Constructing Laurel Canon Storm Drainage System in Beverly Blvd., incl. 304,792 sq.ft. resurfacing, etc., to H. W. Rohl Co., 625 Market St., San Francisco, $395,387. Noted May 19.

Calif., Los Angeles—Los Angeles Co. Sanitation Dist. 2, constructing Downey Trunk Sewer, to J. Grabovich, Hibernian Bldg., $18,265; Joint Outfall Units 4 and 6, to C. E. Green, Western Mutual Life Bldg., $223,746; and Joint Outfall Units 6 and 7, to T. Kelly & Sons, Hillstreet Bldg., $167,012. Grand total $409,023. Noted May 5.

Calif., Pasadena—For cement pipe for outfall sewer in area between California St., Pasadena, and Monterey Rd., South Pasadena, to O. K. Hearte, 1530 Paloma St., $57,582.

Ont., Dryden—J. E. Gibson, town clk., 3 mi. 8 in. and up vitr. tile sewers in various streets, to Nelson River Constr. Co. Ltd., 124 Pears Ave., Toronto. Engrs. est. $45,000.

Waste Disposal

Proposed Work

Que., Three Rivers—Plans garbage incinerator, $40,000. Z. Lambert, Three Rivers, engr.

Bridges

Proposed Work

N. H., Dublin—State Hy. Dept., Concord, plans 1 span 24 ft. rein.-con. deck girder bridge, Mile Post 152, here, Cheshire Co. A. E. White, Keene, engr.

Mississippi—Jackson Co., c/o F. Taylor, clk., making revised plans and takes new bids about July 5, two 200½ ft. electrically driven swing span bridges, 60 ft., one over Dog River at Moss Point, and other over Pascagoula River, at Pascagoula. $75,000. Former bids rejected. Noted Apr. 28.

Ind., Anderson—Madison Co. making plans probably 2 span 200 ft. bridge, on Union Ave. and Park Pl. $100,000. A. B. Steele, Anderson, engr.

Wis., Marinette—City Council, S. O'Shea, clk., voted $60,000, constructing (city's portion) draw bridge over Menominee River.

Kan., Lakin—See "Streets and Roads."

Kan., Osborne—See "Streets and Roads."

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids rein.-con. viaduct to carry Delmar Ave. over Wabash R.R. tracks. $538,000. L. R. Bowen, City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids 1,750 ft. rein.-con. viaduct to carry Arsenal St. over St. Louis-San Francisco R.R. tracks. $531,000. St. Louis-San Francisco Ry. Co., F. G. Jonah, ch. engr., St. Louis, appropriates $300,000 toward cost. L. R. Bowen, City Hall, engr. Noted Apr. 14.

Tex., Giddings — See "Streets and Roads."

Okla., Yukon — State Hy. Dept., Oklahoma City, making preliminary plans 1 span 110 ft., steel truss bridge on piers over Mustang Creek, on Road 3, near here. $35,000. J. M. Page, highway engr.

California—State Hy. Dept. Sacramento, making plans bridges on highway over Redwood Creek, Humboldt Co. $105,000. R. M. Morton, Strub Bldg., Sacramento, engr.

Bids Desired

New Hampshire — See "Streets and Roads."

New York — June 15, by A. Goldman, comr. Plant & Structures, Municipal Bldg., New York City, constructing Greenpoint Ave. temporary bridge and approaches over Newton Creek between Brooklyn and Queens Boros.

N. Y., Richland—June 23, at office E. A. Howard, supt. Highways Oswego Co., County Clerks Bldg., Oswego, 4 span, rein.-con. bridge across south branch Salmon River at Port Ontario, here. Concrete-Steel Eng. Co., Park Row Bldg., New York City, designing engrs.; adv. E. N.-R. June 9.

N. J., Woodstown—June 27, by State Hy. Comn., Trenton, steel and concrete bridge over Salem Creek, on Route 6, here. A. L. Grover, ch. clk.; adv. E. N.-R. June 9.

Pennsylvania—See "Streets and Roads."

South Carolina — See "Streets and Roads."

S. C., Florence — See "Streets and Roads."

Alabama—June 22, by State Hy. Comn., Montgomery (**F.A.P. means Federal Aid Project**), constructing bridges on roadway between Uniontown and Newbern, F.A.P. 141-B, Perry and Hale Counties, bridges on roadway between Guinn and Hamilton, F. A. P. 173, Marion Co., 4 new and repairing 2 bridges on roadway between Bessemer and Tuscaloosa, F.A.P. 185-A., Jefferson Co., and bridge over Chattahoochee River near Alaga, F.A.P. 456, Houston Alabama and Early Counties; also constructing drainage structures State Aid Project 159, in Russellville Twp. Franklin Co.; and overhead crossing on Mobile & Ohio Railroad F.A.P. 185-C, at Alberta City, Tuscaloosa Co. W. Fannell, highway engr.

La., Shreveport—July 1, by Police Jury Caddo Parish, Slattery Bldg., constructing bridges on Forbing Caspiana Rd., and Soda Lake Bridge 15 mi. northwest of here; also separate bids 100,000 cu.yd. earthwork. J. T. Bullen, Slattery Bldg., parish engr.; adv. E. N.-R. June 9.

Kentucky—See "Streets and Roads."

Mich., Monroe — June 20, by City, at Comn. Chamber, 216 ft. rein.-con. bridge, 60 ft. over Raisin River, on Monroe St. F. M. Kressbach, city clk.; adv. E. N.-R. June 9.

Ia., Orange City—June 13, at office Auditor Sioux Co., one 60 x 20 ft. pony truss bridge, and alternate bids on one 90 x 20 ft. pony truss and one 40 ft. and two 32 ft. deck girder spans, on Primary Bridge Project 366. J. W. Weirman, Orange City, co. engr.

Kan., Columbus—June 17, by Cherokee Co., two 70 ft. steel truss, two 35 ft. deck girder and one 20 ft. slab spans, on Federal Aid Project 299-B. H. W. Tyrell, Court House, engr.

Mo., St. Louis—See "Contracts Awarded."

Texas—June 14, by State Hy. Comn., R. S. Sterling, chn., Austin, several rein.-con. bridges over 20 ft. span on Highway 1-A, in Albany, Anson and Baird. J. E. Pirie, Albany, engr.

Tex., Sanderson—See "Streets and Roads."

Tex., Houston—See "Streets and Roads."

Ore., Portland—June 15, by Comrs. Multnomah Co., Court House, 2 concrete bridges, on Canyon Rd. To exceed $60,000. G. W. Buck, Court House, engr.

California—June 20, by State Hy. Comn., Sacramento, forty-one 40 ft. and two 16 ft. span bridge over Sacramento River near Rio Vista, Sacramento Co.; three 38 ft. span rein.-con. girder bridge across Arroyo Las Positas, 2 mi. northwest Livermore; two 16 ft. and one 30 ft. span rein.-con. girder bridge across Tassajero Creek, 3 mi. east of Dublin; and one 32 ft. span rein.-con. bridge across Alamo Creek, 1 mi. east of Dublin, all in Alameda Co. R. M. Morton, Strub Bldg., Sacramento, engr.

Bids Received

New York and New Jersey—Port of New York Authority, 75 West St., New York City, May 31, constructing New Jersey anchorage and approach to Fort Lee-Fort Washington Bridge over Hudson River, from Foley Bros., Inc., Pier 9, Erie R.R., Jersey City, N. J., $694,000, with item 5 $854,000. Noted May 12.

Contracts Awarded

Vermont — State Hy. Dept., Montpelier, 45 ft. concrete and 75 ft. steel bridges and gravel approaches in Chester and Andover, to N. J. Burrington, Jr., Bennington, $29,299.

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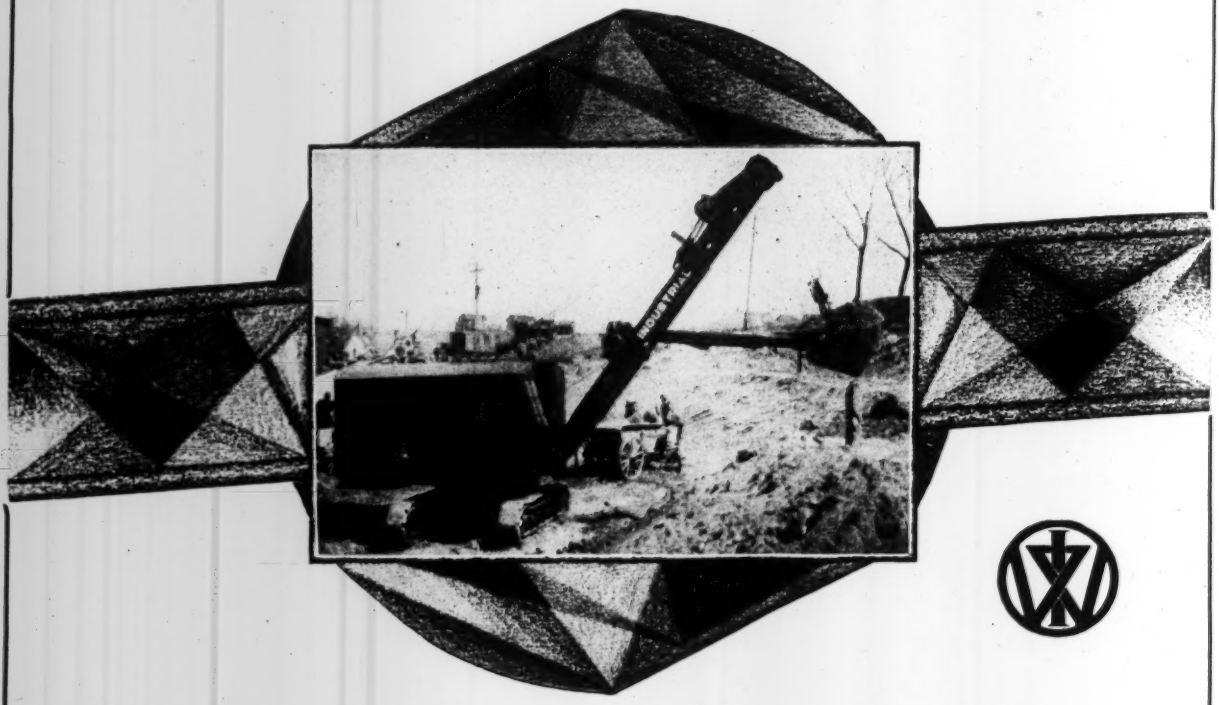

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Cincinnati, Ohio Dixie Terminal Bldg.
Detroit, Mich. Book Building
New Orleans, La. Whitney Central Bldg.
New York City 50 Church St.
Philadelphia, Pa. Packard Building
Pittsburgh, Pa. Federal Reserve Building
San Francisco, Calif. Monadnock Building
St. Louis, Mo. Railway Exchange Bldg.
Tampa, Florida 823 S. Oregon Ave.

Bridges (Continued)

Mass., Boston—Metropolitan Dist. Comn., 454 ft. rein.-con., stone and steel bridge, granite piers over Dorchester Bay, on Savin Hill Ave., to Aberthaw Co., 80 Federal St., $457,036. Noted June 2.

R. I., Pawtucket—City, Bridge Dept., concrete bridge over Ten Mile River, to J. H. McHale & Son, 84 Ferris St., $34,523. Noted May 19.

Pa., Phila. — Dept. Pub. Wks., Bureau of Highways, constructing University Bridge over Schuylkill River, on 34th St., to Dravo Contg. Co., Diamond Bank Bldg., Pittsburgh, $1,288,625. Noted June 2.

Pa., Pittsburgh — Concrete work for bridge over Woods Run, on California Ave., to John F. Casey Co., Aspinwall, $115,444. Engrs. est. $150,000. Noted Dec. 30.

Maryland—State Road Comn., Baltimore, one single 20 ft. span rein.-con. slab bridge over Jones Mill dam, Contr. Wo-50, Worcester Co., to Hannemann-Burroughs Co., Salisburg, $6,975; and 56 ft. span rein.-con. arch bridge over Little Gunpowder River, on Harford Rd., Contr. B-83, Baltimore Co., to Catalano & Pecora Constr. Co., Old Town Natl. Bank Bldg., Baltimore, $6,265. Noted May 12.

Virginia—State Hy. Comn., Richmond, three 20 ft. span rein.-con slab bridge over Chappawamsic Creek, Route 31, Project S-79, Prince William Co., 11,325 lb. reinforcing, 1,520 ft. piling, etc., to Southern Maryland Constr. Co., Baltimore, Md., $12,676; and three 150 ft. span steel trusses and three 45 ft. rein.-con. span I-beam bridge over New River, on Route 26, Project S-411-B, Grayson Co., to Foster, Nelson & Settle, Elkin, N. C., $74,889.

Kan., Fredonia — See "Streets and Roads."

Wyoming—See "Streets and Roads."

Mo., St. Louis—Dept. Streets and Sewers, will reconstruct Union Blvd. and Kingshighway Viaducts, by day labor. $35,171.

Railways

Contracts Awarded

Michigan—Grand Trunk Ry., 400 East Jefferson St., Detroit, J. A. Heaman, ch. engr., completing approximately 3 mi. belt line, incl. 375,000 cu.yd. grading, also extending railroad yards to accommodate 2,000 freight cars at Pontiac, to Jones Constr. Co., 1748 West Madison Ave., Chicago, Ill., $275,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ill., Watseka — City and Iroquois Co. plan straightening channel Iroquois River for preventing floods. $150,000.

Ark., Newport—Village Creek Drainage Dist., C. Erwin, atty., making preliminary plans 30 mi. open ditch, approximately 2,000,000 cu.yd. excav. and several mi. levee. $250,000.

Calif., Patterson—West Stanislaus Irrigation Dist. voted $1,216,375 bonds, irrigation works. W. F. Woolley, Patterson, engr.

Bids Desired

La., Lake Charles—June 25, by Sulphur D. D. 3, E. F. Gayle, secy. 4-5 Frank Bldg., 55,114 cu.yd. dredging, deepening and widening drainage canals, Calcasieu Parish.

La., Shreveport—See "Bridges."

Ill., Granite City—July 12, by Bd. Trustees East Side Levee & Sanitary Dist., Metropolitan Bldg., East St. Louis, strengthening and revetting levee on Mississippi River, by spreading 26,000 cu.yd. slag (furnished by district) also 700 cu.yd. excav. for footing. Private plans.

Ia., New Hampton—June 14, at office Auditor Chickasaw Co., 11,034 cu.yd. channel change, 28,800 ft. 6 in. tile, laid, 8 ft. deep, average 4.2 ft. deep, also graveling 2 mi. road and furnishing 30,000 ft. 6 in. drain tile. A. O. Zack, New Hampton, co. engr.

Contracts Awarded

Ill., Waukegan—See "Buildings—Industrial."

Arkansas — Plum Bayou D. D., Court House, Pine Bluff, N. B. Beakley, England, pres., 117,000 cu.yd. levee embankment at various points along 30 mi. water front in Pulaski and Jefferson Counties, upper part, to Atkinson Bros., Pine Bluff, at $0.38 per cu.yd.; and lower half, to J. McNulty, 220 Park Pl., Pine Bluff, $0.30.

Ark., Jonesboro—Lake City Levee & Drainage Dist., 2,018,000 cu.yd. excav. in levees, to McWilliams Co., Inc., Exch. Bldg., Memphis, Tenn., and 1,800,000 cu.yd. in ditches, to O. Kochtitzky, Cape Girardeau, Mo. and England, Ark.

Streets and Roads

Proposed Work

N. H., Dublin—State Hy. Dept., Concord, plans 6 in. rein.-con. on 8 in. gravel paving 18,644 sq.yd. South Side Rd., here, Cheshire Co. $84,000. A. E. White, Keene, engr.

Massachusetts—Dept. Pub. Wks., Boston, plans laying out and constructing Westminster Rd., Mildred Ave. and St. Joseph St., as highway in Roxbury and Dorchester. To exceed $25,000. J. H. Sullivan, comr.

Mass., Boston—Plans reconstructing and repairing various streets. $500,000. J. H. Sullivan, comr.

R. I., Providence—Plans constructing Homestead Ave., Broom and Nelson Sts. as highways. To exceed $25,000. Private plans.

N. Y., Richmond Hill (Ind. br. Jamaica)—Park Bd. Dept. Park, Arsenal Bldg., Central Park, New York City, rejected bids Apr. 26, asphalt paving existing dirt road from golf house to Myrtle Ave. and Hanson Pl., etc. Noted May 5.

N. J., North Plainfield (mail Plainfield)—North Plainfield Boro plans penetration macadam paving ½ mi. Grove St. $31,395; and ½ mi. Westfield Ave., $33,961. Engineer not selected.

N. J., Pensauken (mail Camden)—Pensauken Twp. soon takes bids vibrolithic and concrete paving 15 mi. various streets. $500,000.

N. J., Scotch Plains—Twp. Com., A. Muir, mayor, plans improving North Ave. between Fanwood and Westfield. $35,000.

N. J., Three Bridges—Hunterdon Co. (Flemington), plans grading and bituminous macadam paving 3 mi. Three Bridges-Reaville Rd. $66,814. G. Davis, White House Station, engr.

N. J., Westfield—Mayor and City Council plan improving North Ave. from Clark St. to Scotch Plains line. $70,000. J. T. Hopkins, Westfield, engr.

Pa., Ingomar—Making plans improving 2.8 mi. Ingomar Rd. in connection with new county park project. $70,000. County Dept. Pub. Wks., 519 Smithfield St., Pittsburgh, engrs.

Pa., Pittsburgh—Soon takes bids grading, curbing and paving Duffield St. between Bryant and Vilsack Sts. $28,200. Dept. Pub. Wks., City County Bldg., engrs.

Pa., Swissvale (Ind. br. Pittsburgh)—Voted $250,000 bonds, improving principal streets. J. D. Hall, Swissvale, engr.

Virginia—State Hy. Comn., Richmond, rejected bids May 3, clearing, grubbing, grading, bituminous macadam paving, etc., 19,536 sq.yd. Route 28, Project S-297-A, Albermarle Co. Will readvertise. C. S. Mullen, ch. highway engr. Noted Apr. 21.

North Carolina — State Hy. Comn., Raleigh, rejected bids May 17, clearing, grading, etc. 5.64 mi. Project 6370, Iredell Co. $49,246. Will readvertise. L. R. Ames, Raleigh, engr.

Miss., Pontotoc — Pontotoc Co. voted $600,000 bonds, hardsurfacing various highways and completing Bankhead Highway to Lafayette Co. line from Lee Co. and Chickasaw Co. lines to Union Co. line. Noted May 12.

Miss., Oxford—Plans curbing, guttering, paving, etc. 20,000 sq.yd. various streets. J. B. Brown, City Hall, comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids about June 23, grading, etc. 6 mi. Carthage-Elmwood Rd., Smith Co.; and 5 mi. Silverdale-Cleveland Rd., Hamilton Co. C. N. Bass, highway comr.

Tenn., Chattanooga—Hamilton Co., defeated $125,000 bonds, improving roads.

Kentucky—State Hy. Dept., Frankfort **(S.A.P. means State Aid Project and F.A.P. Federal Aid Project)**, rejected bids May 10, surfacing 4.392 mi. Brooksville-Falmouth Rd., S.A.P. 101-A, Bracken Co. $58,228-$58,789, and 9.5 mi. Elkton-Trenton Rd., S.A.P. 15-B, Simpson Co. $16,120; also holding in abeyance surfacing 5.765 mi. Shelbyville-La Grange Rd., S.A.P. 59½-A, Shelby Co. Noted Apr. 7.

O., Carrollton—Carroll Co. takes bids about July 28, grading, etc. 7 to 8 mi. Carrollton-Salineville Rd., 20 ft. $150,000.

Ind., South Bend—Plans paving Oakside St. $58,359, 28th St. $29,532, Corby St. $24,516, and Ewing Ave. $10,755. G. M. Monroe, city clk.

Michigan—H. C. Fleming, resident engr., Grand Rapids, takes bids about June 18, concrete paving 2 mi. F.A. 185, Sect. A, Kent Co., for State Hy. Dept., Lansing.

Michigan—G. Green, resident engr., Alpena, takes bids about June 22, graveling 8.941 mi. Forest Service 1, Iosco Co., for State Hy. Dept., Lansing.

Michigan—R. R. Havens, resident engr., Jackson, takes bids about June 18, concrete paving 1.088 mi. T. L. 78-9, Eaton Co., for State Hy. Dept., Lansing.

Michigan — R. W. Roberts, resident engr., Saginaw, takes bids about June 16, concrete paving 2.516 mi. T. L. 71-7, Shiawassee Co., for State Hy. Dept., Lansing.

Mich., Muskegon—Making plans concrete curbing, guttering, and 2½ in. asphalt on 6 in. stone paving 6,700 sq.yd. Montgomery Ave. and Schuyler St., $25,000; 5,000 sq.yd. 8th, Hughart and Houston Sts., $18,000; and 1,600 sq.yd. Concord Ave., $5,000. H. J. Lewis, City Hall, engr.

Mich., St. Clair — Making plans one course concrete paving approximately 17,000 sq.yd. Vine, 3rd and Brown Sts. $48,544. E. R. Whitmore, Port Huron, engr.

Ill., Decatur — Plans grading, curbing and vibrolithic paving, etc., 8 blocks Country Club Dr., North McClellen and North College Aves., 28 ft. $35,000. M. P. O'Brien, City Hall, engr.

Ill., Edwardsville — Takes bids in late June or July grading, curbing, rein.-con. paving, etc., 10,000 sq.yd. Schwartz St., incl. subway under Illinois Traction System tracks. $34,000. Sheppard & Moran, Edwards Bank Bldg., engr. Noted June 24, 1926.

Ill., Kewanee—Plans grading, curbing, vitr. brick, concrete, macadam or vibrolithic concrete paving 15 blocks Cottage, Division and Ridyard Sts., 28 ft. $60,000. J. G. Palmer, City Hall, engr.

Ill., Knoxville—Plans grading, curbing and vitr. brick on concrete paving 0.75 mi. South Broad St., 18, 24 and 36 ft. $50,000. R. M. Connolly, Galesburg, engr.

Ill., Marion—Making plans 6 in. concrete paving 33 blocks various streets. $75,000 H. R. Green Eng. Co., Beaver Bldg., Cedar Rapids, engr.

Ill., Peoria — Plans grading, curbing, brick or macadam paving, etc., 10 blocks South Division and Seminary Sts. $44,370. H. Wolcott, City Hall, engr.

Ill., Peoria—Winnebago Co. plans grading, concrete paving, etc., 3 mi. State Aid Roads, 18 ft. $90,000. A. R. Carter, Court House, engr.

Ill., Rockford—Plans grading, curbing and warrenite, brick or concrete paving 9 blocks North Gardner, North Highland and Rural Sts., $35,000; also grading, curbing and rein.-con. paving portion 18th St., $29,000, both 29 ft. H. Wolcott, City Hall, engr.

Ill., Springfield—Plans grading, curbing and brick or concrete repaving 12 blocks North 9th St., 30 ft. $60,000. W. Seeley, City Hall, engr.

Wisconsin—Chippewa Co., W. H. Taylor, comr., Chippewa Falls, plans graveling, etc., 28.3 mi. Trunk Highways 29, 52, 64, 124 and 27, $20,625; Fond du Lac Co., G. Treleven, comr., Fond du Lac, grading, etc., Trunk Highways 67 and 26, 31 and 35, also graveling and constructing bridges on Trunk Highways 67 and 26, $34,000; and Pierce Co., C. F. Kenall, comr., Ellsworth, grading, graveling, etc., 17.15 mi. Highways 29, 35, 46, 72, and 128, $18,100. W. F. Baumgartner, div. engr.

Kan., Alton — Making plans curbing, guttering and paving various streets. $25,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Kan., Centralia — Making preliminary plans rein.-con. paving, grading and curbing 8,000 sq.yd. various streets, Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Lakin—Kearny Co. making preliminary plans grading, 3 bridges, etc., 15 mi. Federal Aid Project 50, 30 ft. M. Dexter, Court House, engr.

Kan., Madison—Soon takes bids paving various streets. To exceed $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Kan., Osborne—Osborne Co. soon takes bids grading and 6 bridges, etc., 10.463 mi. Federal Aid Project 371-A. A. J. Wandt, Court House, engr.

Neb., David City—Plans grading, graveling, etc., approximately 40 blocks Gravel Dist. 4. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs.

Neb., Wahoo—Making preliminary plans alternate types paving, etc. 16,000 yd. vari-

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Streets and Roads (Continued)

ous streets. $50,000. Bruce & Grupe, Bankers Reserve Life Bldg., Omaha, engrs.

Mont., Great Falls—Plans paving 6th Ave. N. between Park Dr. and 12th St. $58,000-$70,000. W. H. Harrison, city clk.

Mo., St. Joseph — Making preliminary plans grading and asphalt or concrete paving, etc., approximately 75,000 sq.yd. streets in Sects. A and B, Hyde Park to Bartlett Park Blvd. $200,000. W. M. Spann, City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, making preliminary plans Southern R.R. approach to Municipal Bridge, steel on concrete piers, etc. $1,500,000. Private plans.

Ark., Ft. Smith—Defeated $300,000 bonds, opening and widening South 7th and 8th Sts., etc. Noted May 5.

Tex., Anderson—Grimes Co. made plans bater type rein.-con. paving 6.715 mi. Highway 6, Federal Aid Project 471-B, Unit 2. $200,000. O. A. Seward, Jr., Navasota, co. engr.

Tex., Baird — Making plans permanent paving 10,000 sq.yd. various streets, $27,000; also curbing, guttering and permanent paving 23,000 sq.yd. various streets, $70,000. Koch & Fowler, 801 Central Bank Bldg., Dallas, engr.

Tex., Bay City—Matagorda Co. voted $3,000,000 bonds, grading, bridging and hard paving main unpaved roads. Address A. Harris, Bay City, co. judge. Noted May 12.

Tex., Big Springs—Making plans paving 30 blocks Main, Scurry and Runnels Sts. $75,000. Address H. Montan, city mgr.

Tex., George West—Live Oak Co. plans hard paving 23 mi. roads and 30 mi. lateral roads north and south through county. $750,000 bond election soon for same. W. H. Striebeck, Jr., George West, co. engr.

Tex., Giddings—Lee Co. making plans grading and bridging 8½ mi. Highway 102, Taylor-Lexington Rd. $25,000. O. C. York, Giddings, co. judge.

Tex., Goliad—Goliad Co., defeated $1,250,000 bonds, permanent paving 109 mi. various roads. Address J. A. White, Goliad, co. judge. Noted Mar. 3.

Tex., Graham—Voted $1,200,000 bonds, constructing roads. G. C. Johnston, Graham, co. engr. Noted May 12.

Tex., Houston—Harris Co. made plans concrete paving 6.53 mi. Galveston-Houston Highway, 20 ft. $135,000. A. J. Wise, Houston, engr.

Tex., Jourdanton—Voted $250,000 bonds, roads in Road Dist. 2. J. V. Curnutte, Jourdanton, co. engr.

Tex., Plainview—Voted $300,000 bonds, paving various residential streets. Address Mayor.

Tex., San Antonio — Plans permanent paving 9 blocks Carson St. $42,000. I. Ewig, city engr.

Tex., San Augustine—San Augustine Co. making plans rein.-con. paving 1 mi. Highway 21, 30 ft. $45,000. L. Acker, San Augustine. engr.

Tex., Taylor—Making preliminary plans permanent paving 35 blocks various streets. $100,000. Address C. O. Daliet, city comr.

Tex., Wichita Falls—Wharton Co. making plans grading and bridging 2.47 mi. Highway 60, extending north from Hungerford. $28,750. J. M. Nagle, Wharton, resident engr.

Oklahoma—State Hy. Dept., Oklahoma City, making surveys grading, etc., 15 mi. State Road 16, Ottawa Co., $60,000; 6 mi. Highway 9, $42,000; and 15 mi. Highway 43, $125,000, all 30 ft. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, making surveys grading, etc., 12 mi. State Road 2, Canadian Co., $200,000; 9 mi. State Road 21, Craig Co., $35,000; 9 mi. State Road 8, Comanche Co., $45,000; 12 mi. State Road 17, Seqouyah Co., $60,000; and 15 mi. State Road 41, Washita Co., $75,000, 30 ft. J. M. Page, highway engr.

Okla., Britton—Plans grading, curbing and concrete paving 8,750 sq.yd. Dist. 4 $28,275. Peckham & James, 225½ West Grand St., Oklahoma City, engrs.

Okla., Pawhuska — Osage Co. voted $100,000 bonds, improving 75 mi. roads in Foraker Twp., 30 ft. W. M. Clark, Pawhuska, engr.

Okla., Watonga—Making plans grading and paving 12,000 sq.yd. Main St. $40,000. C. A. Wood, Stillwater, engr.

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Colo., Denver — Plans asphaltic concrete paving 12 blocks North Denver Paving Dist. 11. $36,565. A. K. Vickery, city engr.

Wash., Everett—Snohomish Co. making plans constructing Index-Galena Rd. $56,000. County and Forest Service appropriate $28,000 each toward cost. R. D. Alverson, Everett, co. engr.

Calif., Claremont—Voted $60,000 bonds, paving various streets. Noted Apr. 21.

Calif., La Mesa—Plans curbing, grading, walks and 6 in. concrete paving 86,207 sq.ft. Lemon and Dale Sts. P. R. Watson, Spreckels Bldg., engr.

Calif., Los Angeles—Made plans paving, etc. 27,200 ft. Meyler St.; grading, curbing, guttering, walks and 1½ in. willite on 4½ in. asphaltic concrete paving 2,407 ft. 108th St.; grading, curbing, guttering, walks and 8 in. concrete paving 6 mi. Ventura Blvd., and 2 mi. Hubbard St.; grading, curbing, walks and 5 and 6 in. concrete paving, etc. 4,148 ft. Future Dr.; 2 in. willite on 3 in. asphalt paving 2,400 ft. Wabash Ave.; grading, curbing, walks and 5 in. concrete paving 3,724 ft. Saxon Dr.; grading, curbing, guttering, walks and asphalt paving 600 ft. and 5 in. concrete paving 3,000 ft., etc. Toland Way; asphalt paving 600 ft. and concrete paving, etc. 14,438 ft. Sagamore Way. J. C. Shaw, City Hall Annex, engr.

Calif., Los Angeles — Los Angeles Co. plans 5 ft. oiled shoulders and 8 in. concrete paving approximately 13 mi. Ventura Blvd., 50 ft. G. W. Jones, Hall of Records, engr.

Calif., Riverside—Plans curbing, guttering and 4 in. asphaltic concrete paving South Brockton Ave. and Stewart Dr., etc. To exceed $25,000.

Calif., San Diego—Plans curbing and 5 in. concrete paving, etc., 198,288 sq.ft. Narragansett Ave. F. A. Rhodes, city engr.

Calif., Santa Ana—Plans grading, curbing, guttering, walks and paving 0.75 mi. Greenleaf St. To exceed $25,000. G. McBride, City Hall, engr.

Calif., Signal Hill (mail Burnett)—Plans grading, curbing, guttering, walks and paving 1 mi. Lemon St. To exceed $25,000. G. H. Cooper, City Hall, engr.

Calif., Ventura — F. Meline Co. plans curbing, guttering, walks and paving, etc., various streets in Ventura Beach Track. To exceed $75,000. Wand Ramelli & Lewis, engrs.

Ont., Hamilton—Plans concrete curbing, guttering, and asphalt on concrete paving 10,000 sq.yd. Mento, McDonald, Hawthorne, and Rossmore Aves. $50,000. W. L. McFaul, City Hall, engr.

Ont., Harrow—Essex Co. making plans concrete paving 2 mi. road north of here. $35,000-$40,000. J. J. Newman, Davis Blk., Windsor, engr.

Ont., Kingsville—Essex Co. Council making plans concrete paving 2 mi. road east of here. $35,000. J. J. Newman, Davis Blk., Windsor, engr.

Ont., Mimico — Making plans concrete curbing, guttering, and asphalt on concrete paving 8,000 sq.yd. Alexander, Vanevery, and Church Sts., Stanley, Hay, Queens and McDonald Aves. $40,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., St. Catharines—Making plans concrete paving 2.18 mi. Merrittville Rd., 18 ft. $40,000. Rutherford & Smith, 24 Queen St., engrs.

Ont., Toronto—East York Twp. making plans asphalt or bitulithic on concrete paving 5 avenues, also sidewalks on various streets. $132,964. G. R. Jack, 443 Sammon Ave., engr.

Ont., Ottawa—Plans curbing, guttering and asphalt on concrete paving 12,000 sq.yd. 4th, Hawthorne and Lees Aves. $50,000. A. F. Macallum, City Hall, engr.

Ont., Sarnia — Plans concrete curbing, guttering, and asphalt on concrete paving 15,000 sq.yd. Wellington St. $63,400. W. B. Beatty, City Hall, engr. Noted Apr. 28.

Ont., Toronto—York Twp. making plans sheet asphalt on concrete paving 7,000 sq.yd. Gilbert Ave. $35,239. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—Making plans asphalt on concrete paving 15,000 sq.yd. Front St., and asphalt resurfacing Simcoe St. to John St. $64,074. R. C. Harris, City Hall, engr.

Quebec—Dept. Roads, Quebec City, soon takes bids constructing 98 mi. highway from Buckingham to Mont Laurier. $500,000.

Que., Montreal—Soon takes bids paving various streets, $640,000; and sidewalks on various streets. $146,000. H. A. Terreault, city engr.

Bids Desired

New Hampshire—June 10, by State Hy. Dept., Concord, bituminous macadam paving 16,544 sq.yd. New Hampshire Rd. in East Kingston, $63,000, W. A. Graves, Portsmouth, engr., 1.261 mi. Contoocook Valley Rd., in Hopkinton, $49,000, F. W. Brown, Concord, engr., and 0.871 mi. Gorham Hill Rd. in Randolph, $25,000, F. F. Hargreaves, Lancaster, engr.; bituminous macadam paving 1.07 mi. Contoocook Valley in Peterboro $34,000, concrete and gravel paving 1.765 mi. South Side Rd. in Dublin, $83,000, also 1 span rein.-con. deck girder bridge, on Mile Post 15.2, A. E. White, Keene, engr.

Massachusetts—June 14, by Dept. Pub. Wks., Boston, bituminous macadam paving 8,200 ft. highway in Dracut, 3,600 ft. in Rehoboth, 7,596 ft. in Wrentham, and 2,382 ft. in Somerset; gravel with bituminous surface treatment 6,300 ft. in Princeton, and 7,400 ft. in Ipswich, all 18 ft. W. F. Williams, comr.

Mass., Boston—June 15, by Dept. Pub. Wks., sheet asphalt or bitulithic paving various streets in Wards 17 and 20. $25,000. J. H. Sullivan, comr.

Conn., New London—June 10, at office City Manager bituminous macadam paving Guthrie Pl. $25,000. City Engineer.

N. Y., Brooklyn — June 15, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading Van Sicklen Ave., 80th and East 92nd Sts.; granite block on concrete paving Clinton Ave.; also grading and sheet asphalt paving Kent, Livonia, Marine and Ocea Aves., East 92nd, West 7th, 39th and 52nd Sts.

N. Y., Pelham (Ind. br. New York) — June 20, by Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading and bituminous concrete or amiesite paving Hutchinson River Parkway and Access Drs. from Boston Post Rd. to Sparks Ave., here. J. Downer, ch. engr.; adv. E. N.-R. June 9.

N. Y., St. George — June 15, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Willowbrook Rd.; also grading and concrete curbing Greenwood Ave.

N. Y., Poughkeepsie—June 23, by Bd. Pub. Wks., Eastman Park Mansion improving Dean Pl., Academy, New Market, Market Sts. Former bids rejected. T. F. Lawlor, supt.; adv. E. N.-R. June 9.

N. Y., Syracuse—June 20, by Bd. Contr. & Supply, City Hall, grading and 8 in. concrete paving 64,380 sq.yd. Erie Blvd. and Harold St.; asphalt paving 49,400 sq.yd. Stinard Hood, and Kuhl Aves., James, West Jefferson, Westcott, and Harold Sts. N. F. Pitts, Jr., city engr.

N. J., Teaneck (mail West Englewood)—June 14, by Twp. Com., Municipal Bldg., curbing, concrete paving, sanitary sewers, etc., in West Englewood and Griggs Aves. A. Noack, 236 Main St., Hackensack, engr.

Pennsylvania—June 23 and 24, by State Hy. Comn., Harrisburg, rein.-con. and bituminous paving approximately 50 mi. 26 projects in Berks, Cambria, Columbia, Dauphin, Erie, Fayette, Franklin, Jefferson, Juniata, Lancaster, Lehigh, Lycoming, Mercer, Monroe, Perry, Schuylkill, Susquehanna, Washington, Westmoreland Counties, 2 bridges in Lycoming Co.; and 1 in. Clinton Co. J. L. Stuart, secy. highways; adv. E. N.-R. June 9.

Pa., Phila.—June 16, by Dept. Pub. Wks., Bureau of Highways, grading asphalt paving (assessment work), asphalt repaving, redressed granite block repaving various streets, improving Cortman Ave., repairing bridges, constructing railroad siding, and steam locomotive crane. G. H. Biles, dir.

Pa., Meadville—June 16, by G. S. Maxwell, city clk., grading, brick on concrete paving, etc., approximately 9,000 yd. 5 streets. R. L. Phillips, city engr.; adv. E. N.-R. June 9. Noted June 2.

Maryland — June 21, by State Roads Comn., Baltimore, concrete shoulders on 5 mi. Allegany Co., 0.67 mi. Washington Co., and 3.05 mi. Baltimore Co.; macadam resurfacing 1 mi. Frederick Co.; graveling 2 mi. Calvert Co.; concrete paving 1.4 mi. Queen Annes Co., and 1.5 mi. Somerset Co. J. N. Mackall, chn.; adv. E. N.-R. June 9.

Maryland — June 24, by State Roads Comn., Baltimore, concrete paving 1.1 mi. Contr. Wi-44, Wicomico Co., 1.2 mi. Contr. HO-28, and 1.4 mi. HO-44, Howard Co.; sheet asphalt paving 0.9 mi. Contr. BC-69, Baltimore Co. J. N. Mackall, chn.

Md., Baltimore—June 15, by Bd. Awards, sheet asphalt paving 9,500 sq.yd. streets listed Contr. 409. S. Purcell, City Hall, highways engr.

W. Va., Lewisburg—June 14, by Greenbrier Co. Court, grading, penetration macadam surfacing, etc. 3,000 ft. Project 1, and 2 mi. Project 2, both 14 ft.; 1.75 mi.

Streets and Roads (Continued)

Project 3, 16 ft., 862 ft. Project 5, 9 ft., 1,700 ft. Project 9, 680 ft. Project 10, 945 ft. Project 11, 1,150 ft. Project 12, 450 ft. Project 13, 930 ft. Project 14, 560 ft. Project 18, 1,140 ft. Project 19, 1,100 ft. Project 20, 325 ft. Project 21, and 400 ft. Project 22, all foregoing 16 ft. J. K. Monroe, co. road engr.

South Carolina—June 14, by State Hy. Dept., Columbia, grading and concrete paving, etc., 7.7 mi. Route 3, Federal Aid Project 171-A, Contr. 2, and 7.8 mi. Route 3, State Project S-580-A, B and C, Contr. 2, Marion Co., 3.5 mi. Route 16, Federal Aid Project 78-B, and 6.1 mi. Route 16, State Project S-611-B, York Co., and 5.8 mi. Route 2, State Projects S-631-A Extension and S-631-D, Pickens Co.; substructure and approaches, rein.-con. and steel bridge over Broad River, on Route 7, Federal Aid Project 235-E, Union and Chester Counties, Contr. 1, and superstructure for same, Contr. 2; treated timber and structural steel bridges, on Route 12, Aiken Co. and on Route 3, Federal Aid Project 171-B, Marion Co.

South Carolina—June 14, by State Hy. Comn., Columbia, sand clay surfacing, etc. 37,982 cu.yd. Route 6, Federal Aid Project 111-A, Orangeburg Co., State Highway Engineer, Columbia, engr.; also cement on project listed at certain delivery points, prices per barrel, incl. transportation in carload quantities, B. Sawyer, highway comr.

S. C., Florence—June 14, by Governing Bd. Florence Co., sand clay surfacing and bridging 7 mi. various roads. Adams & Ervin, Florence, engrs.

Alabama— June 22, by State Hy. Comn., Montgomery, grading and clay gravel surfacing 15,300 cu.yd. Federal Aid Project 173-B, Marion Co.; also grading and rock asphalt surfacing, etc., 1,605 sq.yd. Federal Aid Project 182, Pike Co. W. Finnell, highway dir.

Miss., Brookhaven — July 7, by Bd. Supervs. Lincoln Co., grading and graveling 5.492 mi. Federal Aid Project 89-B. Former bids rejected. H. C. Dietzer, Jackson, engr. Noted May 5.

Miss., Greenwood—June 21, by Bd. Supervs. Le Flore Co., grading, hard-surfacing, etc. 2 mi. Federal Aid Project 165-A, 18 ft. H. C. Dietzer, Jackson, engr.

Louisiana—June 23, by State Hy. Comn., Baton Rouge, graveling 11.723 mi. Oberlin-DeRidder Highway, Federal Aid Project 167-A-1, Allen Parish; and 11.215 mi. same highway, Federal Aid Project 167-C-1, Beauregard Parish. J. M. Fourmy, state highway engr.

Louisiana—June 28, by State Hy. Comn., Baton Rouge, shell or graveling 7.8 mi. Abbeville-Intracoastal Canal Highway, State Project 562-A; and 6.9 mi. Kaplan-Intracoastal Canal Highway, State Project 563-A, Vermilion Parish. J. M. Fourmy, state highway engr.

Kentucky—June 30, by State Hy. Dept., Frankfort (**F.A.P. means Federal Aid Project and S.A.P. State Aid Project**), grading, etc., 4.6 mi. Florence-Warsaw Rd., S.A.P. 13-B Boone Co., 4.2 mi. Richmond-McKee Rd., F.A.P. 129-C Jackson Co., 10.5 mi. McKee-Manchester Rd., S.A.P. 30-C Jackson Co., 12.9 mi. Hindman-Dwarf Rd., S.A.P. 28-A and B Knott and Perry Counties, and 2.5 mi. Beattyville-Jackson Rd., S.A.P. 29-E Lee Co.; surfacing 11 mi. Hardinsburg-Hawesville Rd., F.A.P. 37-B Breckinridge Co., 8.7 mi. Mayfield-Fulton Rd., F.A.P. 146-A Graves Co., 9.3 mi. Brandenburg-Hardinsburg Rd., F.A.P. 65-A Meade Co., and 7.2 mi. Hartford-Owensboro Rd., F.A.P. 125-C Ohio Co.; delivering 15,000 tons crushed limestone dumped on 10 mi. Sprinfield-Lawrenceburg Rd., S.A.P. 152-A Washington Co.; also four 22 ft. and one 30 ft. span rein.-con. overhead crossing, on Whitley City-Somerset Rd., F.A.P. 170-A McCreary Co. E. N. Todd, highway engr. Noted June 2.

Kentucky—June 30, by State Hy. Dept., Frankfort, alternate types, surfacing 4.4 mi. Brooksville-Falmouth Rd., State Aid Project 101-A, Bracken Co., and 8.8 mi. Marion-Smithland Rd., Federal Aid Project 91-A, Crittenden Co.; also one 90 ft. steel span bridge over Clarks River on Murray-Eggners Ferry Rd., State Aid Project 42-B, near Murray, Calloway Co. E. N. Todd, highway engr.

O., Akron—June 13, by Comrs. Summit Co., grading and traffic bound slag paving, etc. 1.87 mi. Akron-Copley Rd. C. H. 24, Sect. D. Former contract rescinded. H. G. Sours, Court House, engr. $30,200. Noted May 12.

O., Cleveland — June 11, by Bd. Comrs. Cuyahoga Co., resurfacing Fowles, Brainard, Stumpf and Warrensville Center Rds. $125,000. F. Lander, Court House, engr.

O., Columbus—June 14, by W. H. Duffy, dir. Pub. Serv., grading, curbing, and paving, etc., 19,890 sq.yd. Beulah Ave. and Siebert St., brick $107,406, asphalt $102,-473; grading, curbing, paving and asphalt resurfacing 13,720 sq.yd. Grove St. and Parsons Ave., $62,085; grading, curbing and paving, etc., 680 sq.yd. Brenhild Rd., asphalt $8,400, asphaltic concrete $6,200; grading and paving 1,000 sq.yd. Olentangy St., asphalt $7,643, concrete $6,034, brick $7,090, asphaltic concrete $6,405; also grading and paving 14 alleys, brick $35,201, asphalt $28,391. R. H. Simpson, city engr. Noted Apr. 14.

O., Columbus—June 14, by Bd. Comrs. Franklin Co., grading and bituminous macadam paving, etc. 2.964 mi. East Beachwold Boulevard Rd., East Royal Forest Blvd., and East Jeffrey Place Rd., in Clinton Twp. $193,400. R. H. Simpson, City Hall, engr.

O., Dayton—June 10, by G. F. Baker, dir. Pub. Serv., rein.-con., asphalt and brick paving, etc. approximately 6,000 ft. Huron and Westwood Aves., also approaches to Bway. Bridge, and 10 alleys. $55,000. J. P. Hale, city engr.

O., Maple Heights (br. Cleveland)—June 13, by Village, paving, etc., Dalewood, South, Stanley, Benhoff and Fernway Aves. To exceed $75,000. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

Ind., Anderson — June 15, by Comrs. Madison Co., concrete paving 1½ mi. Cain and Kroeger Rds., 18 ft., $35,000; and 1 mi. Barber Rd., 20 ft., $28,000. A. B. Steele, Court House, engr.

Ind., Anderson — June 15, by Comrs. Madison Co., concrete paving 1 mi. Cris Hounold and Brendel Rds., $30,000; also 1 mi. Ray E. Hall Rd., $28,000, both 20 ft. A. B. Steele, Anderson, engr.

Michigan—Jun. 15, by H. C. Fleming, resident engr., Grand Rapids, concrete paving 2.07 mi. F. A. 185 A-1, Project FO41-10, Contr. 2, Kent Co., 20 ft., for State Hy. Dept., Lansing. Noted June 9.

Michigan—June 16, by R. W. Roberts, resident engr., Saginaw, concrete paving 2.516 mi. T. L. 71-7 MO76-19, Contr. 1, Shawassee Co., for State Hy. Dept., Lansing. Noted June 9.

Michigan—June 21, by State Hy. Dept., Lansing, at office Construction Engineer, graveling 8.941 mi. F. A. Forest Service 1, Project F. 0359-9, Iosco Co., 9 ft. G. H. Green, Alpena, resident engr. Noted June 9.

Michigan—June 21, at office City Clerk, St. Johns, concrete paving 1.833 mi. T. L. 14-60 Mo19-6, Contr. 1, Clinton Co., 20 to 40 ft. for State Hy. Dept., Lansing.

Mich., Ann Arbor—June 15, by Bd. Pub. Wks., sheet asphalt, 3 in. vitr. brick on 6 in. concrete, or 7 in. rein.-con. paving 41,-000 sq.yd. various streets. I. G. Reynolds, city clk.

Ill., Springfield—June 13, by Bd. Local Impvts., City Hall, grading, curbing and brick on concrete paving 7 blocks 12th St., 28 ft. $30,000. W. Seeley, City Hall, engr.

Wisconsin—June 14, by State Hy. Comn., Court House, Rhinelander, grading, graveling, etc., 27,839 cu.yd. Federal Aid Project 426-A (part 3), Florence Co.; and 4,110 cu.yd. State Project 1059, Forest Co. F. M. Sergeant, div. engr.

Wis., Janesville—June 15, by Com. Pub. Wks., one course rein.-con. paving 35,251 sq.yd. Highland, 5th, St. Marys and Blaine Aves., etc.; and approximately 21,791 ft. 8- to 30-in. sewers, etc., in Josephine, Walnut, Washington and State Sts., etc.

Ia., Mediapolis—June 14, by J. E. Berry, town, clk., grading, curbing, guttering and paving 11,304 sq.yd. various streets. H. R. Green Co., 208-10 Beaver Bldg., Cedar Rapids, engrs.

Ia., New Hampton—See "Excavation, Drainage, Irrigation, Levees, River and Harbors."

Minn., East Grand Forks—June 13, by A. G. Rand, city clk., paving, etc. approximately 30,000 sq.yd. (may add 8,000 sq.yd. before closing date), various streets. $80,-000. S. A. Siverts, Jr., Builders Exch., Minneapolis, engr. Noted May 19.

Kan., Alma—June 23, by Clerk Wabaunsee Co., grading, etc., 4,507 mi. Federal Aid Project 292-E, 28 ft. F. Itz, Alma, co. engr.

Kan., Manhattan — June 22, by Clerk Riley Co., grading, concrete surfacing, etc., 28,999 sq.yd. Sect. C, and 40,896 sq.yd. Sect. D, Federal Aid Project 327. R. W. Armstrong, co. engr. Noted May 26.

Kan., Osborne—June 28, by Clerk Osborne Co., grading, etc. 10.463 mi. Federal Aid Project 371-A. Kansas Eng. Co., 601 Kansas St., Topeka, engrs. Noted June 2.

Neb., Creighton—June 17, by City Clerk, rein.-con. paving, etc., approximately 12,-000 sq.yd. various streets. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs. Noted May 19.

Neb., Gordon—June 22, by O. B. Wabell, city clk., alternate types paving, etc. 17,885 sq.yd. Gordon-North Project 223-B, Paving Dist. 1. $54,000. Henningson Eng. Co., Natl. Bank Bldg., Omaha, engrs.

Neb., Lincoln—June 13, by T. H. Berg, city clk., asphaltic concrete paving, etc., streets in Paving Dists. 649 and 739, also in City Park; and vitr. brick paving, etc., streets in Dist. 741. $44,300. D. L. Erickson, city engr.

Neb., Lyons—Taking bids 6 in. rein.-con. paving, etc., 8 blocks various streets. $25,000. Grant, Fulton & Letton, 525 South 13th St., Lincoln, engrs.

Neb., Omaha — June 13, by Comrs. Douglas Co., Court House, paving, etc. 16,-785 sq.yd. more or less 72nd St. G. Berger, co. clk.

Mo., St. Louis—June 28 (extended date), by Bd. Pub. Serv., 208 City Oall, recut granite block repaving 32,500 sq.yd. Washington Ave. (three sections). $213,000. W. H. Horner, 300 City Hall, engr. Noted May 12.

Mo., St. Louis—June 29, by Bd. Pub. Serv., 208 City Hall, concrete paving 4,230 sq.yd. Wanda St. $24,500, and alley in City Block 5465, $6,120; amiesite paving etc. 1,925 sq.yd. Mallinckrodt St., $14,480; warrenite bithulithic paving, etc. 4,313 sq.yd. Eichelberger St., $37,520; and recut granite block paving, etc. 6,735 sq.yd. Lucas Ave., $61,200. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—See "Contracts Awarded."

Tex., Brownsville — June 16, by Comrs. Cameron Co., concrete paving 6.8 mi. La Feria-Santa Rosa Rd. $110,000; rein.-con. paving 6.1 mi. San Benito River Rd. $90,-000, 7.6 mi. San Benito-Rio Hondo Rd. $135,000, 6.5 mi. Boca-Chica Rd. $100,000, 9.1 mi. Harlingen-Rio Hondo Rd. $160,000, all foregoing 20 ft.; grading, etc. 10 mi. Camino de Buena Vista Rd. $40,000, 10.6 mi. Paredes Line Rd. from city limits to Highway 100 $45,000, 6.3 mi. Ranverville Rd. $25,000 5.5 mi. road from Highway 96 to and along south line Wilson Tract School House, eastward $27,000 11 mi. Old Point Isabel, Blue Town and Military Rds. $55,000, 7.6 mi. Briggs, and Dillworth Crossing Rds. and road from Wilson Tract School House, eastward $35,000, 5.5 mi. Palmetal Blvd. and Grimes Rd. $30,000, and 17.5 mi. Paredes Line Rd. $70,000. W. O. Washington, Brownsville, co. engr.

Tex., Houston—June 20, by H. L. Washburn, aud. Harris Co., clearing, grubbing, bridging, grading, and concrete paving 5.3 mi. Clinton Rd., 18 ft. $280,000. Howe & Wise, Courthouse, engrs.

Tex., Sanderson—June 14, by State Hy. Comn., R. S. Sterling, chn., Austin, grading, bridging and concrete paving 5.231 mi. Highway 3. Federal Aid Project 324-D, Terrell Co., 26 ft. $68,775. J. Sovell, Sanderson, co. engr.

Okla., Drumright—June 16, by R. Hulme, city clk., grading, curbing and concrete paving 7,900 sq.yd. Chimarton and Oak Sts. $43,000. Peckham & James, 225 West Grand St., Oklahoma City, engrs. Noted May 19.

Okla., Maud—June 14, by E. W. Villines, city clk., grading, curbing and concrete paving 9,700 sq.yd. Main St. $38,500. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted May 26.

Okla., Newkirk — June 16, by A. D. Leighty, city clk., 800 ft. 6 ft. sidewalks on various streets. $29,700. E. A. Jones, Enid, engr.

Okla., Okmulgee — June 13, by A. S. Baker, city clk., grading, curbing and concrete paving 10,160 sq.yd. Dist. 42. $31,380. W. C. Holleck, Okmulgee, engr.

Colo., Denver—June 15, by Dept. Impvts. & Parks, concrete paving, etc. 12 blocks Alley Paving Dist. 163, $26,941; 12 blocks Alley Paving Dist. 162, $26,734; 12 blocks Alley Paving Dist. 161, $21,299; and 12 blocks Alley Paving Dist. 164, $21,442. A. K. Vickery, city engr.

Wash., Mt. Vernon—June 15, by Comrs. Skagit Co., concrete paving, etc. 1.5 mi. Cook Road Extension, 16 ft. $35,000-$40,-000. E. L. Knapp, Mt. Vernon, co. engr. Noted Mar. 3.

Ore., Portland—June 15, by Comrs. Multnomah Co., Court House, grading, etc. 3 mi. intersection of Chapman and Taylor Sts. (here) to county line. $700,000. G. W. Buck, Court House, engr.

Calif., El Cerrito—City Trustees taking bids grading, curbing, walks, guttering and 2 in. warrenite bitulithic on 4 in. asphalt paving 132,891 sq.ft. Fairmount Ave. R. L. Calfee, 221 South 22nd St., Richmond, engr. Noted June 2.

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Streets and Roads (Continued)

Calif., Glendale—June 16, by City Council, 5 in. concrete paving, etc. Mission Rd. and Colby Court, etc. To exceed $25,000. J. F. Johannsen, city engr.

Calif., Monrovia—L. P. Black, city clk., taking bids grading, guttering and concrete paving, etc., Wildrose St., Lime Ave., etc. To exceed $25,000.

Calif., Richmond—A. C. Faris, city clk., taking bids grading, asphaltic concrete paving, etc. Macdonald and Bissell Aves., 39th and 41st Sts. E. A. Hoffman, city engr.

Calif., San Anselmo — F. D. Burrows, town clk., taking bids grading, curbing, guttering and 4 in. asphaltic concrete paving 8,155 sq.ft., and 5 in. asphaltic concrete paving 31,126 sq.ft. Butterfield Rd.; grading, curbing and asphalt paving 19,155 sq.ft. various streets; also sub-grading and 5 in. asphaltic concrete paving, etc. 47,932 sq.ft. various streets. H. E. C. Feusier, town engr.

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 2,555 ft. highway in Shirley, to Fitchburg Concrete Constr. Co., Fitchburg, $16,862; 1,155 ft. in Stoughton, to Powers Bros., North Montello St., Brockton, $7,823; and 24,741 ft. in Granby and South Hadley, to Kelleher Bros. Corp., Turners Falls, $225,809. Grand total $250,494. Noted May 5.

N. Y., Albany—Bd. Contr. & Supply, City Hall, asphalt repaving New Scotland Ave., to S. B. Easton, 67 Fairlawn Ave., $162,-322; Ethelbert and North Pearl Sts., to M. F. Dollard, Jr., 87 Lexington Ave., $19,928 and $61,626 respectively. Grand total $243,877. Noted June 10.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to G. N. Mandato, 201 Neck Rd., grading Dahill Rd., $2,892; to B. Turecamo, 8706 12th St., grading and sheet asphalt paving Bay 34th St. $7,898, to D. J. McCoy Asphalt Corp., Avenue U and East 57th St., East 43rd St., $10,899, Lott St. $2,544, New York Ave. $11,492, Nostrand Ave. $10,883, and Avenue O, $4,260, to Cleveland Trinidad Paving Co., Flushing, Cooper St. $18,477, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., 51st St. $9,268, and 58th St. $15,-034, also to Murphy & Richmond, 50 Court St., 48th St. $37,085. Grand total $130,732. Noted May 5.

N. Y., Brooklyn — J. J. Bryne, pres. Brooklyn Boro, Boro Hall, to W. J. McHale Contg. Co., 1250 Jefferson Ave., grading Neck Rd. $5,116, and sheet asphalt paving Elmore Pl. $10,693; to G. M. Mandato, 201 Neck Rd., West 6th St., grading $2,114, and to F. DeVito, 158 17th St., 83rd St. $6,695; to Uvalde Asphalt Paving Co., 1 Bway., New York City, sheet asphalt paving East 93rd St. $12,836; to D. J. McCoy Asphalt Co., Avenue U and East 57th St., Bedford Ave. $31,240, East 34th St. $7,353, East 43rd St., $7,593, Nostrand Ave. $14,012, and West 10th St. $38,570, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., Avenue N $12,001, Avenue N $7,552, and Narrows Ave. $45,-291, and to B. Turecamo Contg. Co., 8706 Bay 12th St., West 10th St. $16,554, and 71st St. $5,129. Grand total $222,749. Noted May 12.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sheet asphalt paving Albany Ave. and East 39th St., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $10,899 and $9,302 respectively; Battery Ave., to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., $17,682; East 5th and 62nd Sts., to Carnford Co., 52 9th St., $18,555 and $17,996 respectively; Delamere Pl., to D. J. McCoy Asphalt Co., Avenue U and East 57th St., $9,471; and 84th St., to B. Turecamo Contg. Co., 8706 Bay 12th St., $14,247. Grand total $98,152. Noted Apr. 28.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., asphalt block repaving 101st St., etc., to Sachs Constr. Co., 63 Park Row, $35,277; widening and granite block repaving 2nd Ave., to J. Meehan & Son, Inc., 90 West St., $132,-036; and sheet asphalt repaving Dominick St., to Sicilian Asphalt Paving Co., 41 Park Row, $13,437. Grand total $180,750. Noted May 19.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading Cruger Ave., to T. DiRoma, 33 Evelyn Pl., $12,743; sheet asphalt paving Marion Ave., to Brusstar Constr. Co., Harlem River and 150th St. $10,244, Needham and Teller Aves., to Asphalt Constr. Co., 208 Bway., $11,745 and $21,910 respectively, Mohegan Ave., to C. D. Beckwith, Inc., Edgewater Rd. and Seneca Ave. $22,980, and Fiteley Ave., to Gaffney Constr. Co., Storey and Hermany Aves. $35,969. Grand total $115,591. Noted May 26.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous macadam paving Willowbriik Rd., to J. E. Donovan Paving Co., 2207 Richmond Terrace, Port Richmond, $16,944; and Richmond Terrace, to J. J. O'Rourke, 239 Gordon St., Stapleton, $15,889. Noted May 18.

N. Y., Syracuse—Widening and asphalt resurfacing 27,980 sq.yd. East Genesee St., to Rago Bros., Union Bldg. $168,000. Noted May 19.

N. Y., Valhalla—Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading and improving Bronx Parkway extension from Columbus Ave. to point 1,800 ft. north Commerce St., here, to Reiman & Hunmer Corp., 69 North Division St., Buffalo $152,345. Noted May 12.

New Jersey—State Hy. Comn., Trenton, constructing 6,800 ft. embankment and 4.5 mi. Lakewood-Aldrich Rd., Route 1, Newark extension, to Clements Contg. Co., 101 Park Ave., New York City, $213,500. Noted May 5.

New Jersey—State Hy. Comn., Trenton, grading, etc. Route 7, extension from Adelphia to Lakewood, Monmouth Co.; to E. H. Ellis, 810 Wilson Bldg., Camden, $309,224. Noted Apr. 21.

N. J., Haddonfield—City Comn., paving Homestead, Lansdowne, Friends, Wellington and Prospect Sts., to Fish-Rutherford Co., 4058 Chestnut St., Phila., Pa., $26,077.

N. J., Maple Shade—Chester Twp., paving Fork Landing and miscellaneous roads, to F. A. Canuso & Son, 804 South 12th St., Phila., Pa. $61,864.

N. J., Toms River—Bd. Freeholders Ocean Co., grading and concrete paving 4 mi. Sects. 9 and 10 from Lakewood to New Egypt, to Benjamin Foster Co., Venango and 20th Sts., Phila., Pa., $117,353. Noted May 12.

Pa., Dormont—Paving McFarland Rd., to Diulus Benentend Co., Hargrove St., Pittsburgh, $56,468. Engrs. est. $60,000.

Pa., Ingram—Paving, etc., Ingram Ave. Extension, to McLaughlin Contg. Co., Germania Bldg., Pittsburgh. Engrs. est. $26,000.

Pa., Phila.—Dept. City Transit, H. E. Ehlers, dir., granite block on concrete repaving 1,709 ft. Broad St., 69 ft., at Broad Street Subway, Contr. 164, to United Paving Co., Real Estate Trust Bldg., $62,405. Noted May 26.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to Union Paving Co., 123 South 21st St., improving Holme Ave. $31,892, asphalt paving (assessment work) Charles St. $25,751, Cheltenham St. $12,858, Colgate St. $16,219, Conshohocken St. $14,-611, Eastburn St. $11,634, Glen-Echo St. $12,040, Godfrey St. $11,428, Grange St. $5,972, Hegerman St. $5,252, Ontalauna St. $10,420, Ontario St. from Richmond to Allen Sts. $5,175, Ontario St. from Tulip St. to point 297 ft. east of Cedar St. $12,-605, Phil-Ellena St. $15,559, Robinson St. $5,845, Sanger St. $6,420, Sedgwick St. $12,659, Summerdale St. $9,744, Tabor St. $40,223, Torresdale St. $109,595, 65th St. $4,436, F St. $13,698, asphalt repaving Ann, Orleans and Stella Sts. $18,950, redressed granite block repaving track area Wister St. $10,286, and 11th St. $27,381; to J. J. Dougherty, 115 Pine St., grading Oxford Rd. and Sun Ave., $1,350; to Eastern Asphalt Co., Penn Bldg., asphalt paving (assessment work), Haines St. $6,723, and asphaltic concrete paving materials $7,100; to C. G. Centrone, 522 North 65th St., redressed granite block repaving Quince St. $3,479, and paving, repaving, etc. Chancellor St. $5,001; to Hymowitz & Sons, 317 South 6th St., paving and repaving certain alleys in Highway Dist. 8, $1,842; and to Barber Asphalt Co., 239 North 30th St., asphalt paving mixtures $23,150. Grand total $539,233. Noted May 19.

Pa., Pittsburgh—Grading, paving, etc. Sewickley Rd., to Donatelli & Danatelli, 7202 Spencer St., $24,129, engrs. est. $27,-000; and repaving Southern Ave., to Booth & Flinn, Ltd., Forbes St., $84,824, engrs. est. $85,000.

Maryland—State Roads Comn., Baltimore, concrete paving 0.86 mi. Contr. F-103, and 1.11 mi. Contr. F-89, both Frederick Co., to M. J. Grove Lime Co., Lime Kiln, $20,080 and $26,849 respectively, 3 mi. section highway along Mt. Airy-Westminster Rd., CI-64, Carroll Co., and concrete shoulders on 2.99 mi. Contr. Ce-2-A, Cecil Co., to Thomas, Bennett & Hunter, Westminster, $67,164 and $19,754 respectively; concrete paving 1.5 mi. Contr. Co-43, Caroline Co., 2.75 mi. Contr. Wi-42 and Wo-51, Wicomico and Worcester Counties, to P. D. Phillips & Bros., Salisbury, $27,302 and $53,125 respectively; graveling 1.5 mi. Contr. C-26, Calvert Co., to T. Mason, 3945 Greenmount Ave., Baltimore, $12,945; concrete shoulders and resurfacing 3.5 mi. Contr. B-39-A, Baltimore Co., to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., Baltimore, $73,410. Grand total $299,788. Noted May 12.

Md., Baltimore — Bd. Awards, concrete footways as listed in Footway Contr. 1917, to T. and M. Constr. Co., 16 North Front St., $22,962. Noted May 19.

Md., Towson—Baltimore Co., concrete paving 1.79 mi. Barbikew Rd. and 3 avenues, Group 5, to G. Long Constr. Co., 1st Ave. and 12th St., Baltimore, $48,050; 2 mi. Middletown and Old York Rds., Group 6, and 1.45 mi. Fuss Rd., Worthington and Garrison Aves., Group 4, to Ward & O'Connell, 3114 Presbury St., Baltimore, $55,839 and $36,993 respectively. Grand total $140,862.

Virginia—State Hy. Comn., Richmond, bituminous macadam surfacing, etc., 37,828 sq.yd. Montgomery-Giles Co. Line Rd., Route 23, Project S-293-Al, Giles Co., to Pendleton Constr. Co., Wytheville, $60,336; and clearing, grubbing, grading, etc., 37,663 cu.yd. Halifax Rd., Route 18, Project S-487-A, Halifax Co., to C. H. Oliver & Co., Dowell, $23,079. Noted Apr. 21.

W. Va., Morgantown—Monongalia Co., amiesite surfacing 13 mi. Daybrook-Marion Co. Line Rd. and McCurdysville-Blacksville Rd., both Clay Dist., to Gilbert Constr. Co., Fairview, $378,261. Noted Apr. 21.

North Carolina — State Hy. Dept., Raleigh, clearing, grading, and top soiling, etc. 11.27 mi. Project 789, Wilkes Co., to J. H. Gibbs, Asheville, $89,223; clearing, grubbing and grading, etc. 6.88 mi. Project 4440, Chatham Co., to Beal Bros., Bear Creek, $45,119, clearing, grading and sand asphalt paving 8.48 mi. Project 357, New Hanover Co., to Hudson & Scruggs, Wilmington, $161,573; grading and plain concrete paving, etc. 4.19 mi. Project 4170, Durham Co., and 4.39 mi. Project 4370, Harnett Co., to Gregory & Weisinger Pittsboro, $109,711 and $105,755 respectively, 2.65 mi. Project 4530, Orange Co., to Ziegler Bros., Greensboro $70,805, 3.29 mi. Project 8420, McDonnell Co., to Miske-Carter Constr. Co., Spartanburg, S. C. $90,-148, 9.72 mi. Project 8180, Burke Co., to Carolina Constr. Co., Spartanburg, S. C. $223,603, and 6.86 mi. Project 466, Person Co., to F. J. McGuire, Norfolk, Va. $173,-435; grading, and asphalt on concrete paving 3.95 mi. Project 476, Wake Co., to R. G. Lassiter & Co., Raleigh, $104,372; clearing, grading, etc. 9.33 mi. Project 733, Davie Co., to J. K. Cecil, Lexington, $40,-183. Grand total $1,213,927. Noted May 12.

Ala., Birmingham—Bd. Rev. Jefferson Co. **(e. e. means engrs. estimate)**, plain concrete paving, etc., 7 mi. Waterworks Rd., 18 ft., to Dewey Jones, Amer. Trust Bldg., $62,080 e. e. $62,500, 3 mi. 26th St. Rd., 40 ft., to J. W. Gwin, Hamilton Sta., $38,950 e. e. $40,200, and 3 mi. Bessemer-Brighton Rd., 20 ft., to Sullivan-Long, Amer. Trust Bldg., $27,040 e. e. $27,500; 3 in. penetration paving 2 mi. Ensley-Docena-Crumleys Chapel Rd., 18 ft., to S. S. Finley, Amer. Trust Bldg., $12,168 e. e. $12,600; 2 in. Alabama rock paving, 2 mi. North Birmingham-Saverton Rd., 18 ft., to Southern Paving & Constr. Co., Amer. Trust Bldg., $7,800 e. e. $8,100; 1½ in. Kentucky rock paving 1.6 mi. Trussville-Chalkville Rd., 18 ft., to Lacey Constr. Co., Amer. Trust Bldg., $12,650 e. e. $13,000; 1½ in. Cel. rock paving 1 mi. Roebuck Circle Rd., 30 ft., to Morgan-Hill Paving Co., Woodward Bldg., $7,540 e. e. $8,000; 1½ in. warrenite bitulithic on 2½ in. asphaltic concrete paving 3 mi. New Country Club Rd., 18 ft., to Independent Paving Co., Amer. Trust Bldg., $25,340 e. e. $26,200. Grand total $193,568.

Ala., Birmingham—City Comn. **(e. e. means engrs. est.)**, to Morgan-Hill Paving Co., Woodward Bldg., 2 in. asphalt on 5 in. concrete paving 4 blocks Ave. C, Ensley, $24,823 e. e. $25,000, and to J. E. Milam, Amer. Trust Bldg., 4 blocks Magnolia Alley S., $1,311 e. e. $2,500; to H. M. Bowdry, Alabama Power Co. Bldg., curbing, guttering, walks and 2 in. asphalt on 5 in. concrete paving 9 blocks 16th St. N., $48,887 e. e. $50,200; to Southern Roads Co., Pioneer Bldg., cement sidewalks on 4 blocks 25th St. S., $16,749 e. e. $17,100, and 2 in. asphalt on 5 in. concrete paving 1 block 6th Court S., $4,448 e. e. $4,500, and 1 block 45th St. $6,813 e. e. $7,100, to Mitchell Bros. Constr. Co., Amer. Trust Bldg., 3 blocks 17th Ave. N. and 28th St., $18,234 e. e. $18,500, and 1 block 15th Ave. N., $4,144, also curbing, guttering, walks and 2 in. asphalt on 5 in. cnocrete paving 2 blocks 52nd St. and 7th Ave. S., $9,687 e. e. $10,000. Grand total $135,096.

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Streets and Roads (Continued)

Miss., Ackerman—Grading, etc. 6.614 mi. Ackerman-Starkville Rd.—Federal Aid Project 188, to J. A. Perdue & Co., Pine Bluff, Ark. $43,421. Noted Apr. 28.

Miss., Columbus—Grading, curbing, guttering, sewers, watermains and paving 40,-508 sq.yd. various streets under Ordinances 42 to 56, to Morgan Hill Paving Co., Woodward Bldg., Birmingham, Ala., approximately $174,000. Noted Apr. 28.

Ky., Frankfort—Natural lake asphalt paving portions Bway. and Ann Sts., to Andrews Asphalt Paving Co., Hamilton, O., $30,119 and $16,907 respectively. Noted May 19.

O., Canton—Bd. Control (**e. e. means engrs. estimate**), grading and brick paving, etc., approximately 1 mi. Serpentine Rd. N. W., to Garaux Bros. Co., Massillon Rd. $102,434 e. e. $105,000; curbing and brick paving, etc., Lawn Ave. N. W., to Wise Bros. Co., 1126 11th St. N. W., $27,-134 e. e. $30,000; also improving 10th St. N. W., from Ridge Rd. to Fulton Rd. N. W., to Bend Constr. Co., 1043 Spring St. N. E., $29,964 e. e. $30,000. Grand total $159,532. Noted Feb. 3, Feb. 10, and Apr. 21.

O., Cincinnati—C. O. Sherrill, city mgr., grading, curbing, walks and brick repaving 17,000 sq.yd. Hamilton Ave., to Andrews Asphalt Co., Hamilton, $171,200. Engrs. est. $180,748. Noted Apr. 21.

O., Cleveland—Cuyahoga Co., grading, curbing, guttering, walks and vitr. brick paving, etc. 30,000 sq.yd. Riverside Rd., to Cleveland Trinidad Paving Co., The Arcade, $164,852. Noted May 12.

O., Cleveland—Cuyahoga Co., paving, etc. Barton Rd., to N. Siegel, 1668 Eddington Rd., $42,102; and paving, etc. Libby Rd. 4, to Rieley Bros., The Arcade, $86,-383. Noted May 19.

O., Cleveland—Cuyahoga Co., paving, etc. Brookside Rd., to Loesch & Green, State Rd., Parma, $19,836; and Green Rd., to F. B. Stein, Euclid, $16,323.

O., Columbus—O. Moore, clk. Franklin Co., grading and bituminous macadam paving, etc. 4,922 ft. Indianola Ave. Sect. 3, 18 ft., to J. M. Snouffer, 2185 Tremont Rd., $35,813. Noted May 12.

O., Columbus—W. H. Duffy, dir. Pub. Serv., grading, curbing, and asphalt paving, etc. 8,820 sq.yd. Kelton Ave., and 3,630 sq.yd. Richardson Ave., to A. W. Burns Constr. Co., 424 Woodland Ave., $36,411 and $15,251 respectively.

O., Euclid—Vitr. brick paving, etc., East 204th St. and Ardwell Ave., to Cleveland Trinidad Paving Co., The Arcade, Cleveland, $13,421 and $9,901 respectively; also concrete sidewalks in Euclid Ave., to T. A. Garrett, Erie Bldg., Cleveland, $36,926. Grand total $60,248. Noted May 19.

O., Martins Ferry—Bd. Control, concrete paving, etc., East Liverpool and Marie Highway, etc., to Consolidated Eng. Co., Natl. Bank of West Virginia. $92,585.

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, concrete paving 7.273 mi. Terra Haute-Chicago Rd., S. P. 537 B, Rd. 41, Newton Co., 18 ft. to McClintick, Colwell & Gorley, Syracuse, $122,671. Noted May 19.

Ind., Greencastle—Comrs. Putnam Co., paving Rogers Rd., to Emulsified Asphalt Co., 313 Hume-Mansur Bldg., Indianapolis, $77,700; Pollom Rd., to F. Allen $81,572, Clodfelter Rd., to Scribner & Spencer $44,-786, and Keller Rd., to W. Pickens & Co. $43,800, all foregoing in Greencastle. Grand total $247,858. Noted May 5.

Ind., South Bend — Comrs. Knox Co., paving Richards and Wheeler Rds., to O'Donnell Sand Co., Vincennes, $10,899; Leak and Hall Rds., to Polk & Jordan, Oaktown, $10,429; Fiscust Rd., to J. N. Wright, Edwardsport, $10,299; and Beal Rd., to Wabash Constr. Co., Vincennes, $62,750. Grand total $94,377.

Ind., Terre Haute—Vigo Co., paving W. G. Brown Rd., to C. W. Clark, 511 Terre Haute Trust Bldg., $48,159; Lynn Hollis Rd., to J. M. Robertson & Sons, 903 Citizens Trust Bldg., $37,072; Chas. E. Hays Rd. and Lillie McNamara Rd., to J. A. Shepard, 1802 South 10th St., $17,230 and $17,501 respectively; and G. A. Monninger Rd., to Foulkes Constr. Co., 705½ Ohio St., $10,967. Grand total $130,929. Noted Apr. 21.

Ind., Winamac — Comrs. Pulaski Co., grading and graveling Ambler Rd., to S. Browning, Royal Center, $20,750; and Robinson Rd., to Everett Constr. Co., Winamac, $8,974. Noted Apr. 28.

Michigan—W. W. Lavers, resident engr., Plymouth, concrete paving 7.65 mi. A. D. 449-Co. 77-50, St. Clair and Macomb Counties, to Bishop & Weir, 955 East Jefferson Ave., Detroit, for State Hy. Dept., Lansing, $189,904. Noted May 19.

Michigan—R. W. Roberts, resident engr., Saginaw, concrete paving 1.326 mi. S. T. L. 14-59 Sect. A, 20 ft., Clare Co., to J. A. Campbell, Bay City, for State Hy. Dept., Lansing. $37,574. Noted Sept. 23.

Mich., Detroit — Amherst or Medina curbing, and 3½ in. sheet asphalt on 8 in. concrete paving 8 avenues, to Detroit Asphalt Paving Co., 909 Transportation Bldg., $348,694, 4 avenues, to Mark R. Hanna, Ryan Rd. and Nevada Ave., $62,-615, Wildemere and St. James Aves., to Cleveland Trinidad Paving Co., 402 Hammond Bldg., $29,738. Grand total $441,047.

Mich., Ionia—Comrs. Ionia Co., graveling 5.11 mi. A. D. 37, Portland and Lyons Twps., to Buckholz, Green, Johnson & Son, Ann Arbor, $34,305; 5.1 mi. A. D. 39, Orange and Portland Twps., to Smith & Esley, Plainwell, $45,325; and 6.04 mi. A. D. 40, Campbell and Boston Twps., to J. G. Yenington, Watervliet, $64,158. Grand total $143,788. Noted May 5.

Ill., Mt. Prospect—Concrete paving various streets, to Milburn Bros., 18th and Charles Sts., Rockford, $117,617.

Ill., East St. Louis—See "Unclassified."

Wisconsin—State Hy. Comn., 213 South Barstow St., Eau Claire (**F.A.P. means Federal Aid Project and S.P. State Project**), grading, etc., Medford-Merrill Rd., S.P. 6852, Taylor Co., to C. Hilber & Son, Marathon, $13,202; and graveling, etc., 1,726 cu.yd. F.A.P. 332-A, Taylor Co., to Kaliher & Clark, Washburn, $58,193, 1,275 cu.yd. F.A.P. 400-A, St. Croix Co., and 3,504 cu.yd. S.P. 6851, Taylor Co., to Jamieson & Shelley, Stillwater, Minn., $8,516 and $15,993 respectively. Grand total $95,904. Noted May 5.

Wis., Milwaukee — Dept. Pub. Wks., grading and paving 1 alley, to F. W. Blodgett, Inc., 521 Newton Ave., $1,553; 2 alleys, to Gumz & Switalski, Milwaukee, $11,278; 1 alley, to Schwerm Bros., 50 Lee St., $17,351; 2 alleys, to W. F. Hunt, 1038 1st St., $7,313; 1 alley to Wisconsin Asphalt Paving Co., Milwaukee, $1,889; and 2 alleys, to Eastern Constr. Co., Milwaukee, $16,572. Grand total $55,456.

Ia., Algona—Kossuth Co., to M. T. McGuire, Kossuth, improving Primary-Secondary Projects S-121-S125 (inclusive), 151,-770 cu.yd. earth excav. at $0.228 and $0.243 per cu.yd., 1,700 cu.yd. loose rock $1.50, 4,650 ft. culvert labor $0.35 and 229,000 sta.yd. overhaul $0.02.

Minn., Duluth — G. P. Phillips, city comr., concrete on macadam paving, etc. 7,890 sq.yd. 5th St. etc., to A. N. Nelson, 1001 East 10th St., $42,500. Noted Apr. 7.

Minn., Hebbing — J. O. Rivall, village recdr., paving 2 mi. various streets, to E. W. Coons Constr. Co., Hibbing, $129,144.

Minn., St. Paul—G. T. Ries, aud. Ramsey Co., to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., improving East County Line Rd. between North St. Paul Rd. and County Rd. E., paving $58,205, grading $8,317, and culverts $1,770; to Martin Wunderlich, 1221 Blair St., Capitol Highway between Minnesota Trunk Highway 50 and State Road 3, Dakota Co., grading $42,221, and to M. E. Southern, 1528 East Branston St., monolithic culverts $8,023. Grand total $118,536. Noted May 12.

Minn., St. Paul—A. E. Eggert, city purch. agt., grading, curbing, and 7 in. rein.-con. paving 31,407 sq.yd. Montreal Ave., to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., $67,933. Noted Apr. 28.

Kan., Girard—Crawford Co., grading, chats surfacing, etc. 3.907 mi. Federal Aid Project 347-B, 24 ft., to Schulz Constr. Co., 135 North Poplar St., Wichita, $32,576. Noted Apr. 14.

Kan., Kansas City—Wyandotte Co., to W. C. Hill Constr. Co., 510 Delaware St., improving Muncie Bluff Rd., 42,442 cu.yd. earth excav. at $0.42 per cu.yd. 16,204 cu.yd. rock excav. $0.95, 3,460 lb. reinforcing steel, $0.06, total etc., $35,043.

Kan., Lawrence—Concrete paving 23,700 sq.yd. various streets, to Penny & Baldwin, Lawrence, Kan. and Ponca City, Okla., $64,341. Noted May 5.

Nebraska — State Hy. Comn., Lincoln, (**F. A. P. means Federal Aid Project**), to Porter Baker, Kimball, sand-graveling, etc., 12.5 mi. F. A. P. 16-A, Kimball Co. $17,004, to Diamond Eng. Co., Grand Island, F. A. P. 26, Charles and Hayes Counties $1,050, 7.3 mi. F. A. P. 243-C, Hayes Co. $33,887, and grading 19 mi. F. A. P. 245-C, Frontier Co. $111,286; to Western Bridge & Constr. Co., Kearney, 4.6 mi. F. A. P. 41 $15,902, and 4.7 mi. F. A. P. 114-A, $22,103, both Dundy Co., to Finly Constr. Co., Falls City, 3.7 mi. F. A. P. 69-D, Banner Co. $18,468, to Yant Constr. Co., 905 Omaha Natl. Bank Bldg., Omaha, 5.1 mi. F. A. P. 82-B, $5,292, and 4.1 mi. F. A. P. 82-C, $15,039, both Garden Co., 5.1 mi. F. A. P 82-D, Morrill Co $18,622, 6.5 mi. F. A. P. 146-A $4,930, and 78 mi. F. A. P. 146-B $5,954, both Keith Co., to Dan Quinton, Kearney, 11.6 mi. F. A. P. 114-B, Hitchcock Co. $49,948, to M. J. McClanahan, Omaha, 6.2 mi. F. A. P. 147-B, Kimball Co. $25,949, to Central Bridge & Constr. Co., Wahoo, 8.5 mi. F. A. P. 198-A, Box Butte Co. $15,149, to Metz Constr. Co., Springfield, 3 mi. F. A. P. 257-B, Lancaster Co. $29,737, and 2.8 mi. F. A. P. 299, Johnson Co. $35,304; also to Howard County, St. Paul, grading 5 mi. F. A. P. 292-B, Howard Co., $25,607. Grand total $451,291. Noted Apr. 21.

Neb., Beaver City—H. Beal, city clk., grading, brick paving, etc. 16,112 sq.yd. streets Paving Dist. 2, to H. J. Taylor Constr. Co., Salina, Kan., at $2.55 per sq.yd.

Neb., Falls City—Grading, rein.-con. paving, etc. 22,100 sq.yd. streets in Dists. 42 and 45, to Monarch Eng. Co., Falls City, approximately $75,000.

Neb., Wayne—W. S. Bressler, city clk., grading and concrete paving, etc. 8,847 sq.yd. streets in Paving Dist. 7, to Abel Constr. Co., Terminal Bldg., Lincoln, $34,-372. Noted May 5.

N. D., Fargo—A. H. Watkins, city aud., to J. P. Kennedy, Fargo, vibrolithic concrete paving 16,000 sq.yd. Job 184 $56,801, and 7,530 sq.yd. Job 185 $27,445, also concrete paving 20,900 sq.yd. Job 186 $68,994. Grand total $153,239. Noted May 12.

Wyoming—State Hy. Comn., Cheyenne, (**F. A. P. means Federal Aid Project**), grading, etc., 5.213 mi. F. A. P. 120-A, Crook Co. and 11.398 mi. F. A. P. 168-B, Natrona Co, to Sharrock & Pursel, Casper, $19,942 and $22,838 respectively, 8.501 mi. F. A. P. 168-B, Big Horn Co., to Taggart Constr. Co., Cody, $28,383, 9.655 mi. F. A. P. 180-C, Uinta Co., and graveling 7.007 mi. F. A. P. 188-B, Sweetwater Co., to Wheelwright Constr. Co., Salt Lake City, Utah, $28,909 and $22,996 respectively; grading 7.735 mi. F. A. P. 192-A, Albany Co., to C. B. Owen, Denver, Colo., $29,969, and 7.064 mi. F. A. P. 195-A, Fremont Co., to T. D. Cain, Riverton, $31,198; graveling 22.332 mi. F. A. P. 180-A, Fremont Co., to Tobin & Maloney, Madison, S. D., $74,964; concrete paving 1.139 mi. F. A. P. 192-A, Lincoln Co., to A. H. Reed Co., Cheyenne, $68,004; and constructing bridge on F. A. P. 120-A, Crook Co., to A. C. Evans, Sheridan, $17,675. Grand total $435,095.

Mo., Joplin—Grading and 6 in. concrete paving 19,600 sq.yd. Moffatt Ave., to Independent Constr. Co., Pittsburgh, Kan. at $1.76 per sq.yd. Noted Apr. 28.

Mo., St. Joseph—For 6 in. concrete paving 9,451 sq.yd. Holman St., to Whitham Contg. Co., 909 Corby St., $27,306; and asphaltic concrete repaving 4,128 sq.yd. 20th St., to Metropolitan Paving Co., Donnell Court, $8,611.

Mo., St. Louis—City will construct cut-offs at Marcus and Carter Sts., Sullivan and Prairie Aves., and Minnesota and Pestalozzi Sts.; open and widen Fremont St. south from Virginia Ave.; also eliminate triangle at Washington, Easton and Leffingwell Aves., with own forces. $29,500. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Dept. of Streets and Sewers will reconstruct portions of Bway., Clay Ave., Skinner Rd., Washington, Locust and Union Blvds., also Market, Olive, 15th, 21st and Lawrence Sts., by day labor. $148,939.

Ark., Hope—Grading, curbing, guttering, sewers and Warrenite on concrete paving 21,276 sq.yd. Paving Dist. 6, and Curb and Gutter Dist. 2, to Kaw Paving Co., New England Bldg., Topeka, approximately $103,700. Noted May 12.

Tex., Alamo — Rock asphalt on gravel paving 40,000 sq.yd. various streets, to Uvalde Co., c/o City Natl. Bank Bldg., San Antonio, $102,000. Noted Feb. 17.

Tex., Panhandle—Carson Co., 2½ in. brick on 4 in. concrete paving 46,752 sq.yd. various streets, to El Paso Bitulithic Co., Box 161, El Paso, $163,640. Engrs. est. $170,000.

Colorado—State Hy. Dept., Denver, concrete paving 5.227 mi. road between Castle Rock and Larkspur, Douglas Co., to J. F. Roberts Constr. Co., Tramway Bldg., Denver, $119,028.

California—State Hy. Dept., Sacramento, grading, etc. 14.92 mi. roadway between Orick and North Boundary, Humboldt Co., to W. H. Hauser, 3129 East 7th St., Oakland, $439,809. Noted Apr. 21.

California—State Hy. Dept., Sacramento, grading and concrete paving, etc., approximately 8.9 mi. roadway between Livermore and Dublin, Alameda Co., to N. M. Ball, Porterville, $317,707. Engrs. est. $329,034. Noted Apr. 21.

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Streets and Roads (Continued)

Calif., Los Angeles—Curbing, walks, asphalt and concrete paving, etc., Long Beach Ave. between Washington St. and Slauson Ave., to G. H. Oswald, 366 East 58th St., $190,395; also ornamental lighting system and concrete paving, etc., Weldon Ave. between Fletcher and Chevy Chase Drs., to H. C. Legg, 479 North Santa Anita Ave., Pasadena, $59,005.

Calif., Los Angeles—To Griffith Co., Railway Bldg., improving Gaffey St., 339,043 sq.ft. 6 in. concrete paving at $0.203 per sq.ft., 303,865 sq.ft. 5 in. asphaltic concrete paving $0.177, etc., total approximately $342,598.

Calif., Pasadena — Improving Arroyo Blvd. between Westminster Dr. and La Canada-Verango Dr., to Bartlett & Mathews, 769 South Bway., $165,443.

Calif., Sacramento — H. W. Hall, clk. Sacramento Co., asphaltic macadam paving, etc. 6.8 mi. Sacramento-Jackson Rd., to Teichert & Sons, 1846 37th St., Sacramento, $25,276.

Calif., San Diego—Bd. Supervs. San Diego Co., to Wells & Bressler, Santa Ana, improving Fairmount Ave., 49,787 sq.ft. concrete walks at $0.16 per sq.ft., 15,022 lin.ft. concrete curbing $0.50, 555,826 sq.ft. 6 in. concrete paving $0.21, etc., total $248,580. Noted May 5.

Buildings—Commercial

Proposed Work

Mass., Boston — OFFICE — City, Park Dept., 33 Beacon St., having plans prepared by Allbright & Blaney, 308 Boylston St., altering and constructing 4 story and basement, brick addition, Beacon St. $150,000.

Mass., Norwood — APARTMENT — Owner, c/o M. Waters, archt., 288 Blue Hill Ave., Roxbury, plans 3 or 4 story and basement, brick and stone, plain foundation, Nichols Ave. $150,000 or more.

Mass., Somerville (Boston P. O.) — LODGE—Odd Fellows Assn., c/o G. Dolloff, 65 Highland Rd., having preliminary plans prepared by W. C. Collett, 1078 Boylston St., Boston, lodge, Evergreen Ave. and Thurston St. $150,000 or more.

Conn., Norwich—WARDS—F. M. Salmon, comptroller, State House, Hartford, receiving competitive plans until June 27, 2 brick and steel ward buildings. $400,000. Engineer and architect not selected.

Conn., Norwalk—Building Com. Y.M.C.A., 27 Wall St., soon lets contract 4 story, 110 x 154 ft., brick and steel, incl. 20 x 60 ft. swimming pool, West Ave. $400,000. May & Hillard, 607 5th Ave., New York City, archts. Noted Apr. 21.

N. Y., Long Island City—WAREHOUSE—Bloomingdale Bros., Inc., 59th St. and Lexington Ave., New York City, having plans prepared by Abbott Merkt & Co., 175 5th Ave., New York City, 7 story, 190 x 430 ft. rein.-con., concrete pile foundation, here. To exceed $1,000,000. Foundation for same awarded to Turner Constr. Co., 420 Lexington Ave., New York City.

N. Y., New York — APARTMENTS — Rhinelander Estate, c/o F. M. Valk, 31 Nassau St., having plans prepared by Sugerman & Berger, 345 Madison Ave., two 11 story and basement, brick, steel and stone, plain foundations, Lexington Ave. from 88th to 89th Sts. $500,000 each. Lang & Moska, 420 Lexington Ave., structural engrs.

N. Y., Syracuse—SANATARIUM—Onondago Co. having plans prepared by M. L. King, 300 Dennison Bldg., 2 story and basement, 60 x 306 ft., rein.-con. and steel, plain foundation, Hoppers Glen, south of here. $415,000.

N. Y., Yonkers—WAREHOUSE—Feurs Warehouse & Trucking Co., 63 Dock St., having plans prepared by Lewis & Leonard, 51 East 42nd St., New York City, 4 story (untimately 7 story), 92 x 100 ft., rein.-con. Ludlow and Bridge Sts. here. To exceed $150,000.

N. J., Belmar—HOTEL—Owner, c/o J. Centanni, archt., 142 Market St., Newark, having sketches made 3 story, brick and steel, plain foundation, here. $150,000.

N. J., East Orange — APARTMENT — Komb Constr. Co., c/o E. V. Warren, archt., 31 Clinton St., Newark, had revised plans prepared 7 story, brick and steel, plain foundation, 91 Washington St., here. $500,000.

N. J., East Orange—APARTMENT—D. Schneider, 250 Renner Ave., Newark, having plans prepared by E. V. Warren, 31 Clinton St., Newark, 4 story, brick and steel, plain foundation, 186-188 Williams St. $150,000.

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N. J., Elizabeth—APARTMENT—Holzberg & Posnock Constr. Co., 1141 Warren St., Rossell, having plans prepared by L. Kasoff & Flatt, 164 Market St., Newark, 5 story, brick and steel, plain foundation, 47-53 Elm St., here. $150,000.

N. J., Hackensack — APARTMENT — Prospect Realty Co., c/o Flagg & Stades, archts., 665 Newark Ave., Jersey City, having plans prepared 5 story, brick and steel, plain foundation, Prospect Ave. and Passaic St. $350,000.

N. J., Irvington (br. Newark)—APARTMENT—Home Constr. Co., 879 Bergen St., Newark, having plans prepared by E. F. Hauser, 11 Clinton St., Newark, 4 story, brick and steel, plain foundation, 17-23 Chester Ave. $150,000.

N. J., Irvington (br. Newark)—APARTMENT—L. Deutsch, 65 Rose Terrace, Newark, having plans prepared by E. F. Hauser, 11 Clinton St., Newark, 4 story, 85 x 100 ft., brick and steel, plain foundation, 13-19 Chester Ave., here. $150,000.

N. J., Irvington (br. Newark)—APARTMENTS—I. Bornstein, 157 Augusta St., having plans prepared by E. F. Hauser, 11 Clinton St., Newark, two 4 story, 60 x 80 ft., brick and steel, plain foundation, 38-46 Chester Ave. $150,000.

N. J., Jersey City—APARTMENT—J. Paulsen, 38 Van Houten Ave., having plans prepared 4 story, brick and steel, plain foundation, 68 Magnolia Ave. $150,000. Private plans.

N. J., Montclair—APARTMENT—R. H. Sellers, 77 Grove St., having plans prepared by N. Harris, 20 Branford St., Newark, 3 story, brick and steel, plain foundation, 77 Grove St. $300,000.

N. J., Newark—APARTMENT—J. M. Adelman & Son and J. Pilar, 1377 Blvd. E., West New York, having sketches made by N. Myers, 224 Elizabeth Ave., 5 story, brick and steel, plain foundation, Elizabeth and Pomona Aves. $200,000.

N. J., Newark—APARTMENT—Belmont Building Co., c/o N. Welitoff, archt., 3010 Hudson Blvd., Jersey City, having plans prepared 4 story, brick and steel, plain foundation, 146-8 Chancellor Ave., here. $150,000.

N. J., Newark—APARTMENT—James Blum Building Co., c/o E. V. Warren, archt., Essex Bldg., having plans prepared 5 story, brick and steel, plain foundation, 773-775 High St. $150,000.

N. J., Newark—APARTMENT HOTEL—L. Cohan, Bankers Trust Bldg., Phila., Pa., having plans prepared by F. Grad, 1021 Broad St., 20 story, brick, steel and rein.-con., plain foundation, South Broad St. between Camp and Chestnut Sts., here. $5,000,000. Noted May 26.

N. J., Newark — APARTMENTS — L. Goldfarb & M. Levin, 870 Broad St., having revised plans prepared by Meyers, Bigelow & Shanley, 224 Elizabeth Ave., 5 story, brick, steel, plain foundation, 825-29 South 10th St. $500,000. Noted Mar. 24.

N. J., Newark—APARTMENT—Owner, c/o J. Centanni, archt., 14th and Market Sts., having plans prepared 4 story, 70 x 90 ft., brick and steel, plain foundation, 1st and Rose Aves. $150,000.

N. J., Newark — CITY HALL — Dept. Parks & Pub. Safety, City Hall, Broad and Green Sts., will not construct brick and steel annex, plain foundation. Project abandoned. F. Grad, 1023 Broad St., archt. Noted May 26.

N. J., Newark—CLUB——I.O.O.F. Mt. Sinai Lodge 272, c/o W. Friedberg, archt., 156 Market St., having sketches made 3 story, brick and steel, plain foundation, 696-70 Clinton Ave. and Clinton Pl., here. Archts. est. $150,000.

N. J., Newark—CLUBHOUSE, THEATRE and STORE—Steuben Society of Newark, 60 Park Pl., having revised plans prepared by F. H. Koenigsberger, 48 Walnut St., 8 story, 130 x 160 ft., rein.-con., brick and steel, plain foundation. $800,000. Noted May 17.

N. J., Newark—OFFICE—Pub. Serv. Corp., Terminal Bldg., having plans prepared by Pub. Serv. Production Co., Park Pl., 6 story, 67 x 86 ft. rein.-con., brick and steel top addition, East Park and Pine Sts. $500,000.

N. J., North Bergen (Ind. br. Weehawken) — APARTMENT — D.I.M. Constr. Co., c/o A. De Paola, archt., 106-18th St., West New York, having plans prepared 5 story, brick and steel, plain foundation, Hudson Blvd. and 39th St., here. $200,000.

N. J., Nutley (br. Newark)—APARTMENT—G and G Realty Co., 28 Bradford Pl., Newark, having plans prepared by N. Siegler, 174 Market St., Newark, 4 story, brick and steel, plain foundation, Chestnut St., here. $150,000.

N. J., Oradell—CLUB—C. C. Wendehack, archt., 101 Park Ave., New York City, takes bids about June 15, 2 story and basement, brick and steel, plain foundation, here, for Hackensack Golf Club, Central Ave., Hackensack. $150,000. Noted May 12.

N. J., Paterson — HALL of RECORDS and JAIL — Bd. Freholders Passaic Co., Court House, having sketches made by H. B. Crosby, 125 Ellison St., 8 story, brick and steel, plain foundation, Grand and Spring Sts. $500,000.

N. J., Plainfield — MASONIC — Masonic Club, F. & A. M., c/o F. B. and A. Wire, archts., 1170 Bway., New York City, having plans prepared 2 story, brick and steel, plain foundation, here. $150,000. Noted Apr. 7.

N. J., Short Hills—CLUB—Short Hills Country Club, having plans prepared by C. C. Wendehack, 101 Park Ave., New York City, 2 story, brick and steel, plain foundation. $150,000.

N. J., South Orange—APARTMENTS—R. Fishman, 251 Avon Ave., Newark will not construct 7 story, brick and steel, plain foundation Scotland Ave. $700,000. Project abandon. Noted May 12.

N. J., West New York (Ind. br. Weehawken)—APARTMENT—Burstyn & Heller, 222-30th St., Woodcliff, having sketches made 10 story and basement, brick and steel, plain foundation, East Boulevard, here. $500,000. Private plans.

Pa., Abington — HOSPITAL — Abington Memorial, P. C. Maderia, chn. executive com., Broad and Spruce Sts., Phila., having plans prepared by Tilden, Register & Pepper, 1426 Locust St., Phila., hospital, here. $1,000,000. Noted Mar. 31.

Pa., Beaver Falls—CITY HALL—Beaver Falls Boro, Boro Hall, having plans prepared for 2 story and basement, 68 x 100 ft., brick, steel and stone, 15th St. and 8th Ave. $150,000.

Pa., Carbondale—HOSPITAL—St. Joseph Hospital, E. J. Healey, 5 North Main St., having plans prepared by J. A. McGlynn, Simon Long Bldg., Wilkes Barre, 5 story and basement, 42 x 200 ft., rein.-con., brick and steel, plain foundation. $300,000.

Pa., Norristown — COURT HOUSE — Montgomery Co., Court House, having plans prepared 4 story and basement addition, Penn and Airy Sts. $1,200,000. Engineer and architects names withheld.

Pa., Phila.—APARTMENT—C. J. McIlvane, c/o McIlvane & Roberts, archts., 112 South 16th St., having plans prepared 20 story and basement, 85 x 90 ft., rein.-con., brick and steel, plain foundation, 2027-35 Locust St. $1,000,000.

Pa., Phila.—BANK—Bioren & Co., 410 Chestnut St., having plans prepared by A. H. Brockie, 254 South 15th St., 1 and 3 story and basement, 25 x 166 ft., rein.-con. and stone, plain foundation, 1508 Walnut St.

Pa., Phila. — THEATRE — Owner, c/o Hodgens & Hill, archts., 130 South 15th St., having plans prepared 1 story, balcony and basement, 108 x 224 ft., rein.-con., brick and steel, 2,500 seating capacity, plain foundation, 8th and South Sts. $300,000.

Pa., Pittsburgh—BANK and OFFICE—Amer. State Bank & Trust Co., 6th Ave. and Grant St., having plans prepared by Simons, Brittain & English, Magee Bldg., 8 to 10 story, probably brick, stone and steel bank, Grant St. $500,000.

Pa., Pittsburgh—OFFICE—Koppers Co., Union Trust Bldg., having preliminary plans prepared by Graham, Anderson, Probst & White, 80 East Jackson Blvd., Chicago, Ill., 22 story and basement, brick and steel, William Penn Way. $2,000,000.

Pa., Pittsburgh—SALES and SERVICE—Argonaut Realty Corp., General Motors Corp., General Motors Bldg., Detroit, Mich., soon lets contract 1 and 2 story and basement, 176 x 220 ft., brick and steel, Liberty Ave. $500,000. Albert Kahn, Inc., 1004 Marquette Bldg., Detroit, Mich., archts.

Pa., Scranton—HOTEL—P. J. and A. J. Casey, Hotel Casey, having preliminary sketches made by W. L. Stoddard, 50 East 41st St., New York City, hotel, Adams Ave., here.

D. C., Wash.—HOTEL—Owner, c/o B. S. Simmons, archt., 1013 15th St. N. W., having plans prepared 13 story, 140 x 150 ft., limestone and brick hotel. $1,250,000.

Ky., Louisville—HOME—Home for Indigent Women soon lets contract Charles P. Moorman Home for Indigent Women, 3 story and two 2 story wings, 130 x 156 ft., brick and stone, Cherokee Dr. $300,000. E. T. Hutchings, 418 South 5th St., archt.

O., Cincinnati—OFFICE—Fountain Sq. Building, Inc., 2400 Gilbert Ave., having plans prepared by H. Hake, 2400 Gilbert Ave., 16 story and 2 basement, 33½ x 99½ ft., brick and rein.-con., plain foundation, 5th and Walnut Sts. $1,415,000.

Buildings—Commercial (Continued)

O., Cleveland—APARTMENT—F. Miller, 11806 Union Ave., had plans prepared by L. Skolnik, Auditorium Bldg., 3 story and basement, 92 x 112 ft., brick, 3641 Bosworth Rd. $150,000.

O., Cleveland—APARTMENT—E. Bordess, 1547 Mars Ave., Lakewood, having plans prepared by H. Hradilek, Park Bldg., 4 story and basement, 107 x 150 ft., brick, Clifton Blvd. $200,000.

Ill., Chicago - - APARTMENT — W. C. Bannerman & Co., 77 West Washington St., having plans prepared by R. S. DeGoyler & Co., 307 North Michigan Ave., 13 story and basement, 100 x 200 ft., rein.-con., brick and stone, 7321 South Shore Dr. $1,000,000.

Ill., Chicago—APARTMENT—Alexander & Brand, 64 East Jackson Blvd., preparing plans and soon takes bids 3 story and basement, 170 x 175 ft., brick and stone, Maple Ave. and Washington Blvd. $450,000. Owners name withheld.

Ill., Chicago—CLUB—Medinah Athletic Club, having plans prepared by W. W. Ahlschlager, 65 East Huron St., and takes bids about June 17, 47 story, 100 x 175 ft., brick, steel and stone, caisson foundation, Illinois St. and Michigan Ave. $6,000,000. Noted Jan. 6.

Ill., Chicago—THEATRE, STORE and OFFICE—Betts & Holcomb, archts., 32 West Randolph St., prepared plans and soon takes bids 2 story 125 x 125 ft., brick, Exchange Ave. near 79th St., for Cheltenham Theatre Corp. c/o architects.

Ill., Chicago—THEATRE, STORE and APARTMENT—J. Horwitz & H. J. Marlowe, 10 South La Salle St., having plans prepared by G. McClellen, 7441 Cottage Grove Ave., and soon takes bids 3 story and basement, 123 x 223 ft., rein.-con. and brick, 119th St. and Eggleston Ave. $600,000. Noted Mar. 13.

Ill., East St. Louis—THEATRE—H. Redmond, et al., c/o Majestic Theatre, 242 Collinsville Ave., had plans prepared by Boller Bros., 114 West 10th St., Kansas City, Mo., and soon takes bids 1 story, balcony and basement, 90 x 180 ft., rein.-con., brick, steel and terra cotta, 2,000 seating capacity, Collinsville Ave. $750,000.

Ill., Moline — HOSPITAL — City, A. L. Taylor, secy., having plans prepared by W. H. Schulzke, 506 15th St., group 4 story and basement, 140 x 200 ft., brick and bedford stone buildings, plain foundation, 7th St. $350,000. Bids soon on (1st unit) 43 x 80 ft.

Ia., Cedar Rapids — THEATRE, etc. — Orpheum Building Corp., c/o A. Frank, Frank Amusement Co., Waterloo, takes bids after June 15, 3 story and basement, 130 x 180 ft., rein.-con., brick and terra cotta, 3rd Ave. and 3rd St., here, $1,000,000. L. Bevine & Co., 822 West 70th St., Chicago, Ill., engrs. W. P. Whitney, 6951 South Green St., Chicago, Ill., archt. Noted Mar. 4.

Neb., Omaha — OFFICE — G. Liggett, 1513 Jones St., plans 10 story, 132 x 132 ft. office building. $1,000,000.

Mo., Poplar Bluff — City and Railroad Y.M.C.A., c/o M. C. Horton, Bank of Poplar Bluff, making preliminary plans 3 story and basement, rein.-con., brick and stone Y.M.C.A. building. $100,000-$150,000.

Mo., St. Joseph—MAUSOLEUM—Missouri Park Cemetery & Mausoleum Co., c/o Teich & Sullivan, archts., 64 West Randolph St., Chicago, Ill., soon takes bids 2 story, 45 x 195 ft., rein.-con. and marble, containing 520 crypts and chapel, here. $300,000.

Mo., St. Louis — STORE and APARTMENT—Northwestern Corp., c/o Klingenschmidt, Rice & Wilkins, archts., 1217 Louderman Bldg., having preliminary plans prepared 2 story and basement, 40 x 56 ft., and 50 x 200 ft., rein.-con. and brick, incl. 14 garages, etc., West Florissant and Floy Sts $150,000.

Tex., Corpus Christi—WAREHOUSE—Port Compress Co., plans 3 new warehouses to cover 12 acres. $250,000.

Tex., La Feria—HOTEL—La Feria Hotel Co. having plans prepared by R. N. Waters, Weslaco, 1 story (ultimately 4 story) and 4 story brick and tile hotel. $150,000.

Tex., McKinney—COURT HOUSE—Collin Co., c/o A. M. Wolford, judge, having plans prepared by Sparger & Peters, Bonham, remodeling and constructing brick, stone and concrete addition. $150,000.

Tex., Port Arthur—HOTEL—N. M. Barrier & J. Hani, Beaumont, had preliminary plans prepared 10 story part basement, rein.-con., brick and steel, plain foundation, $500,000. Engineer and architect selected soon.

Tex., Waco—HOTEL—Hilton Hotel Co., c/o C. N. Hilton, having plans prepared by Lang & Witchell, 300 Amer. Exch. Bank Bldg., Dallas, 12 story and basement, 100 x 100 ft., rein.-con., brick and steel, 5th and Franklin Sts. $600,000.

Ore., Portland—THEATRE—West Coast Theatres, Inc., 1619 West Washington St., Los Angeles, Calif., having plans prepared 6 motion picture theatres, Eastside Dist. $500,000 each.

Calif., Los Angeles—APARTMENT and STORE — W. E. Chadwick, archt., Union League Bldg., preparing preliminary plans 4 story and basement, brick, Santa Barbara St. $150,000. Owner's name withheld.

Calif., Los Angeles—APARTMENT—W. E. Chadwick, archt., 417 Union League Bldg., preparing preliminary plans 3 story and basement, 80 x 150 ft., Slauson Ave. near Western Ave. $150,000. Owners name withheld.

Calif., Los Angeles—APARTMENT—W. E. Chadwick, archt., Union League Bldg., preparing preliminary plans 4 story and basement, 50 x 140 ft., brick, Grandview St. $150,000. Owner's name withheld.

Calif., Los Angeles—APARTMENT—S. H. Dunford, archt., 616 Lincoln Bldg., preparing plans 6 story, rein.-con. and steel, Kenmore Ave. between 6th St. and Wilshire Blvd. To exceed $150,000. Owner's name withheld.

Calif., Los Angeles—APARTMENT—L. Selden, archt., Byrne Bldg., preparing plans 4 story and basement, brick, 3rd St. and Beaudry Ave. $150,000. Owner's name withheld.

Calif., Los Angeles—HOTEL—Biltmore Hotel Corp., Olive St., having plans prepared by Schultze & Weaver, 17 East 49th St., New York City, and takes bids about June 15, 12 story and basement, brick and rein.-con., Olive St. $2,000,000.

Calif., Los Angeles — OFFICE and APARTMENT — W. E. Chadwick, archt., Union League Bldg., preparing preliminary plans 3 story and basement, 80 x 150 ft., brick, Slauson Ave. $175,000. Owner's name withheld.

Calif., Los Angeles — STORE and OFFICE—Owl Drug Co., 455 South Bway., having preliminary plans prepared store and office, Santa Monica Blvd. and Western Ave. $150,000 or more.

Calif., Los Angeles—STORE and OFFICE—W. E. Chadwick, archt., 417 Union League Bldg., preparing preliminary plans 3 story, 80 x 150 ft., brick and stone, Slauson Ave. near Western Ave. $175,000. Owner's name withheld.

Calif., Merced—HOTEL—R. J. Stempel, et al, c/o J. C. Hladik, archt., Monadnock Bldg., San Francisco, having plans prepared, 7 story and basement, 150 x 175 ft., probably rein.-con and steel, 20th and M Sts. $650,000 or more.

Calif., San Jose—MAUSOLEUM—Laurel Hill Mausoleum Assn., c/o Roller-West Co., archt., 1st Natl. Bank Bldg., San Francisco, had plans prepared, rein.-con., Laurel Hill, here. $185,000.

Ont., Ottawa — OFFICE — Secretary Dept. Pub. Wks. soon takes bids 10 story, 200 x 300 ft., office building, plain foundation, Wellington St. $3,000,000. T. W. Fuller, Dept. Pub. Wks., archt. Noted May 26.

Ont., Toronto — APARTMENT — W. Johns, 264 Millwood Rd., having plans prepared by J. H. Stanford & Son, 57 Queen St. W., probably 3 story, rein.-con., brick and steel, plain foundation, Yonge and Heath Sts. $150,000.

Ont., Toronto—APARTMENT, STORE, OFFICE—Excelsior Securities Ltd., Canadian Pacific Ry. Bldg., having plans prepared by N. G. Beggs, 6 Jean St., 3 or 4 story and basement, rein.-con., brick and steel, plain foundation, Bloor St. W. and Walmer Rd. $175,000.

Ont., Toronto—WAREHOUSE—Loblaw Groceterias Ltd., 1385 Bloor St. W., having plans prepared by W. F. Sparling Co., Metropolitan Bldg., and soon takes bids 4 story and basement, 160 x 300 ft., and 1 story, 140 x 300 ft., rein.-con., and brick, plain foundation, Fleet St. and Spadina Ave. $500,000. Noted Feb. 10.

Ont., Woodstock — HOSPITAL — Dept. Pub. Wks., Parliament Bldgs., Toronto, having plans prepared by F. R. Heakes, Parliament Bldgs., 3 story and basement, concrete, brick, stone and tile to government hospital, here. $200,000.

Australia, Sydney — APARTMENT — G. Wilkie-King Millions Club having plans prepared by J. J. Frauenfelder, 1116 Story Bldg., Los Angeles, Calif., 6 story, 60 x 100 ft., rein.-con. apartment. $300,000. E. R. Justelius, Kathcart House, Castle Right, Sydney, associated archt.

B. C., Tranquille — HOSPITAL — Dept. Pub. Wks., Victoria, soon takes bids rein.-con., 100 bed hospital addition plain foundation, here, for Provincial Government, Victoria. $200,000. Noted Feb. 17.

Quebec — COURTHOUSES — Provincial Dept. Pub. Wks., Quebec, soon takes bids 2 brick, steel and stone courthouses, one at Rouyn and other Ville Marie. $150,000. Noted Mar. 10 under "Rouyn."

Que., Montreal—OFFICE—Sun Life Assurance Co., Dominion Sq., having plans prepared by Darling & Pearson, 2 Leader Lane, Toronto, Ont., 24 story, 217 x 400 ft., steel and granite, Metcalfe, Mansfield and Dorchester Sts. Noted Sept. 23.

Bids Desired

Me., Bangor — HOSPITAL — State of Maine, Hospital for Insane taking bids general contract 4 story and basement, 35 x 115 ft., and 35 x 130 ft., brick and stone addition plain foundation, State St. To exceed $150,000. C. P. Crowell & W. S. Lancaster, Exch. Bldg., archts. Noted May 5.

Mass., Hyde Park (Ind. sta. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Monson—HOME—June 21, by Commonwealth of Massachusetts Dept. Mental Diseases, State House, Boston, 2 and 3 story and basement, male employees home, brick, plain foundation, here. $150,000 or more. G. Robb, 14 Beacon St., Boston, archt.

Mass., Pittsfield—COURT HOUSE—June 22, by Comrs. Berkshire Co., c/o J. McArthur Vance, archt., 24 North St., altering and constructing 2 story and basement, brick and stone addition, plain foundation. $150,000.

Mass., Roxbury (Boston P. O.) — APARTMENT—See "Contracts Awarded."

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., New York—STORE and LOFT—See "Contracts Awarded."

N. Y., Rochester — APARTMENT — See "Contracts Awarded."

N. Y., Thiells—DORMITORIES, etc.—June 29, by Commissioner Mental Hygiene, Capitol, Albany, constructing dormitory Buildings "A" and "B", attendants home, service building and tunnels; also additions to laundry and storehouse, at Adult Male Group, Letchworth Village, here. S. W. Jones, Albany, state archt.; adv. E. N.-R. June 9. Noted May 17.

N. J., East Orange—APARTMENT—See "Contracts Awarded."

N. J., Irvington (br. Newark)—APARTMENT—See "Contracts Awarded."

N. J., Kearny (sta. Arlington)—APARTMENT—See "Contracts Awarded."

N. J., Montclair—STORE—S. S. Kresge Co., Kresge Bldg., Detroit, Mich., taking bids 2 story, 90 x 115 ft., brick, steel and rein.-con., plain foundation, Bloomfield Ave., here. $150,000. H. Holmes, Detroit, Mich., archt.

N. J., Morristown—APARTMENT—See "Contracts Awarded."

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Passaic — APARTMENT — See "Contracts Awarded."

N. J., Perth Amboy — APARTMENT — See "Contracts Awarded."

N. J., Rahway—THEATRE, STORE and OFFICE—See "Contracts Awarded."

N. J., Summit — APARTMENTS — See "Contracts Awarded."

N. J., Trenton—STATE HOUSE—July 8, at Governor's Office, State House, 4 story and basement, brick, stone and tile addition, West State St. $500,000. J. O. Hunt, Hunt Bldg., archt. H. A. Kelly, 921 Bergen Ave., engr. Noted Mar. 24.

Pa., Phila.—CITY HALL—June 14, by Dept. Pub. Wks., G. H. Biles, dir., 15 story and basement, 80 x 100 ft., rein.-con., brick and steel annex, caisson foundation, 13th and Filbert Sts. $1,600,000. P. H. Johnson, Widener Bldg., archt. Noted May 12.

Pa., Phila.—THEATRE, STORE, etc.—See "Contracts Awarded."

D. C., Wash. — BANK and OFFICE — June 17, by A. B. Mullett & Co., Union Trust Bldg., general contract addition, 1502-04 H St. N. W., for Union Trust Co., 15th and H Sts. Marsh & Peter, 1302 F St. N. W., associated archts. Noted May 19.

La., Monroe—OFFICE—June 22, by J. W. Smith, archt., Ouachita Bank Bldg., 6 story and basement, 90 x 110 ft., rein.-con., brick and steel, Desaird and 2nd Sts., for P. Bernhardt. $350,000. Noted May 5.

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Buildings—Commercial (Continued)

O., East Cleveland (br. Cleveland)—THEATRE—Midwest Properties Co., S. H. Stecker, pres., Union Bldg., Cleveland, taking bids and open same about June 10. 1 story and basement, brick, steel and concrete, 1381 Hayden Ave. $150,000. N. Petti, Williamson Bldg., Cleveland, archt.

O., Cleveland — STORE, APARTMENT and THEATRE—June 14, by Morris & Weinberg, archts., 3608 Euclid Ave., 2 story, brick, steel and concrete, East 84th St. and Hough Ave., for M. B. Horwitz, mgr. Washington Theatre Circuit, Film Exch. Bldg. $250,000. Noted May 19.

O., Cleveland—WAREHOUSE—June 9, by May Co., N. L. Dauby, vice-pres., Euclid Ave., 5 story and basement, brick and rein.-con., Payne Ave. $1,000,000. Lehman-Schmitt Co., Hunkin-Conkey Bldg., archts. Noted Apr. 7.

Ind., Muncie—APARTMENT—Washington-Hackley Realty Co. taking bids Graystone Apartment, 37½ x 110½ ft., brick and steel, Washington and Hackley Sts. $150,000. George Zimmerman, 501 Meyer-Kiser Bldg., archts.

Mich., Redford (Franklin Village P. O.)—CLUB—A. Kahn, archt., 1000 Marquette Bldg., Detroit, taking bids and open same about June 14, 1 and 2 story and part basement, 50 x 250 ft., 78 x 110 ft., and two 51 x 114 ft. wings, rein.-con. and brick, plain foundation, 13 Mile Rd., here, for Redford Country Club, Franklin Village.

Ill., Chicago—APARTMENT HOTEL—Komorous & Menke, 2130 West Lake St., taking bids 7 story and basement, 100 x 125 ft., rein.-con., brick and terra cotta, Kenmore Ave. and Irving Park Blvd. $400,000. W. H. Pruyn, Jr., 122 South Michigan Ave., archt. Noted Mar. 24.

Ill., Chicago—APARTMENT—June 15, by Cable & Spitz, archts., 220 South State St., 3 story and basement, 118 x 167 ft., brick and rubble stone, Home and Hoyne Aves., for S. Sackheim, et al, c/o architects. $257,000.

Mo., Kansas City—OFFICE—McKinzie & Trask, archts., Bd. of Trade Bldg., taking bids 3 story, 85 x 140 ft., rein.-con. and brick addition, 10th and Baltimore Sts., for Dwight Building Co., Bd. of Trade Bldg. To exceed $150,000. Noted Apr. 14.

Mo., St. Louis—POLICE HEADQUARTERS—June 15, by Metropolitan Police Dept., c/o A. C. Orrick, pres. superstructure, 5 story and basement, 138 x 218 ft. police headquarters; also 3 story, 140 x 150 ft. gymnasium, both rein.-con., brick and Bedford stone, 12th, Clark and Spruce Sts. $800,000. Mauran, Russell & Crowell, Chemical Bldg., archts. Noted Jan. 20.

Calif., Los Angeles — APARTMENT — F. Webster, archt., Hollywood Guarantee Bldg., taking bids 4 story and basement, 95 x 95 ft., brick and stucco, Gower St., for A. E. Bagley, c/o architect. $150,000.

Calif., Los Angeles—HOSPITAL—Taylor & Taylor, archts., 810 West 6th St., taking bids 2 story and basement, rein.-con., 5th and Lucas Sts., for S. Jesberg, c/o architects. $150,000.

Contracts Awarded

Me., Bingham — BANK — Augusta Trust Co., G. E. Macomber, pres., 1 story and basement, rein.-con., brick and steel, plain foundation, to C. T. Reynolds, Augusta. Archts. est. $150,000. Noted May 12.

Me., Portland—THEATRE, STORE and OFFICE—A. S. Friend Co., Inc., 285 Madison Ave., New York City, 5 story and basement, 195 x 212 ft., brick, steel and stone, plain foundation, Congress and High Sts., here, to J. D. Harrison Corp., 285 Madison Ave., New York City. Archts. est. $1,400,000.

Mass., Bourne — SANITORIUM—Comrs. Barnstable Co., 3 story and basement children's building, brick, plain foundation, at sanatorium, to H. Crump, Manomet Beach. Archts. est. $150,000. Noted Apr. 21.

Mass., Boston—Y. W. C. A., 37½ Beacon St., 10 story and basement, 90 x 158 ft., brick, steel, and limestone, caisson foundation, Stuart and Clarendon Sts., to W. A. and H. A. Root, Inc., Park Sq. Bldg. Archts. est. $1,000,000. Noted Mar. 24.

Mass., Dedham — MASONIC — Constellation Lodge A. F. & A. M., J. W. Withington, chn. com., Washington St., 2 story and basement, brick and stone, plain foundation, Washington St., to Central Eng. & Constr. Co., 210 Main St., Pawtucket, R. I. Archts. est. $150,000. Noted May 26.

Mass., Hyde Park (Ind. sta. Boston)—APARTMENT—Sunnyside Constr. Co., J. D. Green, 60 State St., Boston, will build 3 story and basement, brick, plain foundation, here. $150,000. Work will be done by separate contracts. Winebaum & Wexler, 73 Cornhill, Boston, archts.

Mass., Roxbury (Boston P. O.)—APARTMENT—D. Finkel, 88 Hazelton St., Dorchester, will build 4 story and basement, brick and stone, plain foundation, Walnut St. $150,000. Work will be done by separate contracts. S. S. Levy, 35 Court St., Boston, archt.

Mass., Roxbury (Boston P. O.)—HOSPITAL—Massachusetts Osteopathic Hospital, c/o J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, 5 story and basement, 40 x 80 ft., brick, Evergreen St. and South Huntington Ave., here, to J. C. Pitcher, 46 Cornhill, Boston. Archts. est. $150,000 or more. Noted May 12.

R. I., Providence — WAREHOUSE — Owner, c/o Desmond & Lord, archts., 1 Beacon St., Boston, Mass., 4 story, rein.-con., plain foundation, Dudley St., here, to Mahoney & Tucker, 72 Weybosset St. Archts. est. $150,000.

N. Y., Brooklyn — APARTMENT — S. Elliott, 534 Courtlandt Ave., New York City, will build 6 story, brick, Cornhill Rd. and DeKalb Ave. $225,000. Work will be done by separate contracts. Bark & Djorup, 21 East 40th St., archts.

N. Y., Brooklyn—THEATRE—Garmed Realty Co., 489 5th Ave., New York City, 3 story, brick, steel and stone, plain foundation, Ocean Ave. and Kings Highway, here, to Garsson Constr. Co., 489 5th Ave., New York City. Archts. est. $1,000,000. Noted Dec. 9.

N. Y., New York — APARTMENT — Thirty-One East 79th Street Corp., 475 5th Ave., 14 story and basement, 25 x 75 ft., brick and steel, plain foundation, 31 East 79th St., to G. B. Beaumont Co., 475 5th Ave.

N. Y., New York — HOTEL — Zimmer, Resuick & Locker, 285 Madison Ave., 18 story and basement, 100 x 150 ft., brick, steel and stone, plain foundation, 235-245 West 46th St., to O'Day Constr. Co., 1639 Bway. Archts. est. to exceed $1,000,000.

N. Y., New York—OFFICE—New York Evening Journal Co., 238 William St., 6 story, brick, steel and stone, plain foundation, 8th Ave. from 56th to 57th Sts., to J. Lowry, Inc., 270 Madison Ave. Archts. est. $1,500,000. Noted May 12.

N. Y., New York—STORE and LOFT—Harley Realty Corp., I. Chaitin, pres., 121 West 27th St., will build 21 story, 80 x 96 ft., brick and steel, plain foundation, 348 7th Ave. $600,000. Work will be done by separate contracts. Sugarman & Berger, 345 Madison Ave., archts.

N. Y., Pelham Manor (Ind. br. New York) — APARTMENT — Pelham-Biltmore Corp., Huguenot Trust Bldg., New Rochelle 4, 6 and 7 story, brick and steel, plain foundation, Boston Post Rd., to J. R. Altiere Co., Wolf Lane, Pelham. Archts. est. $2,500,000.

N. Y., Rochester—APARTMENT—Katz & Zamas, 250 Meigs St., will build 4 story and basement, brick and steel, Plymouth Ave. $275,000. Work will be done by day labor. W. S. Lee, Powers Bldg., archt.

N. Y., Saranac Lake—VILLAGE HALL—Village, S. Miller, clk., village hall, Main St., to Stewart & Bennett, North Water St., Rochester. Archts. est. $300,000.

N. J., East Orange—APARTMENT—Lucerne Realty Co., 392 South Orange Ave., Newark, will build 4 story, 100 x 115 ft., brick and steel, plain foundation, 376 William St., here. $150,000. Work will be done by separate contracts.

N. J., East Orange—APARTMENT—J. Rosen, 111 Watson Ave., Newark, will build 4 story, 80 x 115 ft., brick and steel, plain foundation, North Parkway, here. $150,000. Work will be done by separate contracts. Siegler & Greenburg, 164 Market St., archts. Noted June 2.

N. J., Irvington (br. Newark)—APARTMENT—S. Goldfarb & Sirota, Inc., 870 Broad St., Newark, will build 4 story, 85 x 140 ft., brick and steel, plain foundation, 318-88 Union Ave. $160,000. Work will be done by separate contracts. R. Kruger, 60 Branford Pl., Newark, archt.

N. J., Irvington (br. Newark)—APARTMENT — B. Kantrowitz & Kurland, 215 Leigh Ave., Newark, will build 4 story, 90 x 120 ft., brick and steel, plain foundation, 50-54 Elmwood Ave. $150,000. Work will be done by separate contracts. L. P. Greenberg, 156 Market St., Newark, archt. Noted May 17.

N. J., Irvington (br. Newark)—APARTMENT—Deutsch & Marguleis, 173 Osborn Terrace, will build 4 story, 90 x 125 ft., brick and steel, plain foundation, 659 Chanceller Ave. $150,000. Work will be done by separate contracts. Kassoff & Flatt, 164 Market St., Newark, archts.

N. J., Kearny (sta. Arlington)—APARTMENT—Homebilt Constr. Co., 30 Ridge Rd., N., Arlington, will build 4 story, 40 x 160 ft., brick and steel, plain foundation, 426-32 Beech St. $150,000. Work will be done by separate contracts. W. Friedberg, 156 Market St., Newark, archt. Noted May 19.

N. J., Lyndhurst (br. Rutherford)—APARTMENT, STORE and OFFICE—H. R. Bogle, 300 Ridge Rd., general contract 4 story, 85 x 160 ft., brick and steel, plain foundation, Stuyvestant and Valley Brook Aves., to F. Schneider, 537 2nd Ave. Archts. est. $250,000. Noted June 2.

N. J., Morristown—APARTMENT—J. J. Lyons, Dumont Hotel, will build 4 story, brick and steel, plain foundation, Community Pl. $150,000. Work will be done by separate contracts. H. Rosensohn, 188 Montague St., Newark, archt. Noted June 2.

N. J., Newark — APARTMENT — Atlas Realty & Constr. Co., 38 Ferry St., will build 4 story, 50 x 100 ft., brick and steel, plain foundation, 150 Chancellor Ave. $150,000. Work will be done by separate contracts. N. Siegler, 164 Market St., archt. Noted May 19.

N. J., Newark—RESTAURANT—N. Harris, archt., 20 Branford Pl., general contract 3 story, brick and steel, plain foundation, 18 Green St., to W. L. Blanchard, 45 Poinier St., for A. R. Staubwasser, 775 Elizabeth St. Archts. est. $150,000. Noted May 26.

N. J., Passaic — APARTMENT — N. Leibrosky, 361 Madison Ave., will build 4 story, 90 x 100 ft., brick and steel, plain foundation, 361 Madison Ave. $150,000. Work will be done by separate contracts. Preiskal & Skvarla, 591 Main Ave., archts.

N. J., Perth Amboy—APARTMENT—J. Lonky & Rosenshein, 137 Lewis St., will build 3 story, 50 x 125 ft., brick and steel, plain foundation, Madison Ave. $150,000. Work will be done by separate contracts. H. Rosensohn, 188 Market St., Newark, archt. Noted June 2.

N. J., Summit—APARTMENTS—Lerbo Dashefsky, 91 Goodwin Ave., Newark, will build two 3 story, brick and steel, plain foundations, 146 Summit and Euclid Aves., here. $300,000. Work will be done by separate contracts. L. Kasoff, 164 Market St., Newark, archt. Noted Apr. 21.

N. J., Rahway—THEATRE, STORE and OFFICE—Rahway Constr. Co., 188 Market St., Newark, will build 2 story, 78 x 155 ft., brick and steel, plain foundation, Irving St. and Milton Ave. $200,000. Work will be done by separate contracts. H. Rosensohn, 188 Market St., Newark, archt.

Pa., Germantown (Phila. P. O.) — Thomas, Martin & Kirkpatrick, archts., Otis Bldg., Phila., 4 and 5 story and basement, 90 x 311 ft., rein.-con., brick and steel, plain foundation, Green St., here, to Wark Constr. Co., 1600 Walnut St., for Y. M. C. A., W. L. Grubler, 219 High St. Archts. est. $650,000. Noted May 26.

Pa., New Castle — BANK — Directors First Natl. Bank of Lawrence Co., 105 East Washington St., general contract 5 story and basement, brick, concrete and steel, East Washington and Mercer Sts., to Boldt Constr. Co., 1969 East 70th St., Cleveland, O. Noted Feb. 17.

Pa., Phila. — BUSINESS — Real Estate Finance & Guaranty Co., c/o A. W. Hall, archt., Lewis Bldg., 2 story and basement, 24 x 118 ft., rein.-con., brick, and steel, plain foundation, 1505 Walnut St., to John Schnabel, Inc., Abbott Bldg.

Pa., Phila.—GARAGE—L. B. Rothschild, archt., 215 South Broad St., 8 story and basement, 60 x 77 ft., rein.-con. and brick, plain foundation, 1602 Chancellor St., to Wark Co., 1600 Walnut St., for I. Sley, c/o architect. Noted Mar. 31.

Pa., Phila. — GARAGE — Owner, c/o Mastbaum Bros. & Fleischer, 1424 South Penn Sq., 4 story and basement, 66 x 200 ft., rein.-con. and brick, plain foundation, Cherry and Carlisle Sts., to Golder Constr. Co., 236 South 15th St. Archts. est. $550,000.

Pa., Phila.—HOTEL—Bellvue-Stratford, Broad and Walnut Sts., remodeling hotel, to Wark Co., 1600 Walnut St. Archts. est. $1,000,000. Noted May 5.

Pa., Phila. — THEATRE, STORE and APARTMENT — Oxford Theatre Co., Inc., c/o T. Kirmse, 6500 Rising Sun Ave., will build 1 and 2 story and basement, 180 x 238 ft., rein.-con., brick and steel, plain foundation, Rising Sun Ave. and Oxford Pike. Work will be done by separate contracts. Ballinger Co., 12th and Walnut Sts., archts. Noted May 26.

Pa., Pittsburgh—LODGE—Malta Temple Assn., c/o W. K. Beltz & W. Klicker, archts., Jackson Bldg., general contract 3 story and basement, 40 x 100 ft., brick and steel, North Ave., to Rose & Fisher, Martin Bldg. Archts. est. $150,000. Noted Apr. 28.

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Buildings—Commercial (Continued)

Pa., Upper Darby (Phila. P. O.)—THEATRE, STORE and APARTMENT—W. Feilhofer, 20th and Indiana Sts., Phila., 1 story and balcony, and 3 story and basement, 200 x 206 ft., rein.-con., brick and steel, plain foundation, 69th and Ashbridge Sts., to G. Kessler Constr. Co., 1733 North Marvin St., Phila. Archts. est. $850,000.

Fla., Clearwater—HOTEL—J. E. Peterson, c/o L. F. Urbain, archt., 1254 Lake Shore Dr., Chicago, Ill., general contract 4 story, 50 x 127 ft. hotel, to Home Builders, St. Petersburg. Archts. est. $185,000. Noted Feb. 24.

Ky., Paducah—HOTEL and GARAGE—G. C. Sauerbaum, Charleston Apts., 4 story, basement and roof garden, 100 room, rein.-con., brick and steel, plain foundation, also 70 car capacity garage, 22nd and Bway., to W. H. Nelson Cundiff Co., 410 North Euclid Ave., St. Louis, Mo., approximately $650,000.

O., Akron—APARTMENT—Company, c/o L. Gnesser, 814 B. F. Keith Bldg., Cleveland, 4 story and basement, brick, to J. W. Surber, 109 North Union St. Archts. est. $200,000.

O., Akron—COMMERCIAL and RECREATION—Akron Recreation Co., c/o M. A. Norcross, archt., 7016 Euclid Ave., Cleveland, 2 story and basement, 140 x 165 ft., brick, steel and concrete, to Higley Constr. Co., Buckeye Bldg. Archts. est. $400,000. Noted Apr. 21.

O., Cincinnati—APARTMENT—Flodoria Realty Co., Burnet Ave., 4 story and basement, brick and rein.-con., plain foundation, Burnet Ave., to David Gordon Constr. Co., Burnet Ave., $225,000.

O., Cleveland—STORE, APARTMENT and THEATRE—Midwest Properties Co., S. H. Stecker, pres., Union Bldg., masonry contract, 1 and 3 story, 120 x 220 ft., brick, steel and concrete, Lorain Ave. and West 118th St., to A. Krinsky, 783 East 88th St. Archts. est. $300,000. Noted May 19.

Ind., Terre Haute—HOTEL—Fairbanks Heirs, Terre Haute, general contract 10 story, 240 room, rein.-con., brick and steel, to W. P. Jungclaus, 825 Massachusetts Ave., Indianapolis, $1,000,000. Noted Oct. 21.

Mich., Detroit — JAIL — Wayne Co., 6 story and basement, rein.-con., brick and steel, plain foundation, Clinton St., to Boyajohn & Barr, West Broad St., Columbus, O. $848,000. Noted May 19. Steam heating, elevators, flooring, roofing and painting.

Ill., Chicago—APARTMENT—Randall & Randall (owners and carpenters), 1607 Howard Ave., masonry contract 5 story, 50 x 140 ft., brick, 6929-28 Wayne Ave., to T. D. Randall, 1607 Howard Ave. Archts. est. $150,000.

Ill., Chicago — APARTMENT — B. E. Bogeaus (owner and carpenter), 134 North La Salle St., masonry contract 10 story, brick, 627-29 Deeming Court, to Roenberger & Peterson, 5153 North Clark St. Archts. est. $450,000.

Ill., Murphysboro — COURT HOUSE — Jackson Co., general contract 3 story and basement, 175 x 200 ft., rein.-con., brick and stone, to English Bros., Champaign, $303,309. Noted May 12.

Wis., Milwaukee — THEATRE, STORE and OFFICE—Water-Grand Holding Corp., 12 story and basement, 120 x 160 ft., rein.-con., brick and steel, wood pile foundation, Wisconsin and West Water Sts., to Lundoff & Bicknell, 180 North Michigan Ave., Chicago, Ill. $1,650,000. Noted May 12.

Kan., Dodge City—HOSPITAL—Protestant Hospital, general contract 4 story and basement, 40 x 120 ft., and 40 x 50 ft. wing, rein.-con., brick, terra cotta and stone, to J. N. Parham, Dodge City, $98,700.

Kan., Dodge City — HOTEL — Howell-Theis Hotel Co., c/o G. S. Howell & O. Theis, general contract 5 story and basement, 115 x 125 ft., rein.-con., brick, stone and steel, Walnut and Central Sts., to Eastergard & Bullard, McCook, Neb., $181,345. Noted May 5.

Mo., Kansas City—WAREHOUSE and GARAGE — Southwestern Bell Telephone Co., Southwestern Bell Telephone Bldg., St. Louis, 3 story, 120 x 180 ft. warehouse and 1 story, 110 x 144 ft. garage (combined building), rein.-con. and brick, 35th St. and Roanoke Rd., to G. Fuller Green Constr. Co., Rialto Bldg., Kansas City. Archts. est. $275,000. Noted Apr. 21.

Mo., St. Louis — OFFICE — Missouri Pacific R.R. Co., Ry. Exch. Bldg., general contract 22 story, 40 ft. tower and basement, 100 x 193 ft., rein.-con., brick, steel, stone and granite, 13th and Pine Sts., to Humes-Deal Constr. Co., Syndicate Trust Bldg. Archts. total est. $2,000,000. Noted May 5.

Mo., St. Louis—STORE—Globe Stores Corp., 721-27 Franklin Ave., remodeling and constructing 3 story and basement, 80 x 120 ft., rein.-con. and brick addition, Franklin Ave. and 8th St., to Fruin-Colon Contg. Co., Merchants-Laclede Bldg.

Mo., St. Louis—WHOLESALE FLORIST—St. Louis Wholesale Florists Assn., 1420 Pine St., 2 story and basement, 110 x 263 ft., rein.-con. and brick, La Salle and Josephine Sts., to William H. & Nelson Cunliff Co., 410 North Euclid Ave. Archts. est. $150,000. Noted Apr. 21.

Mo., University (Sta. St. Louis)—OFFICE—See "Waterworks under Missouri."

Ark., El Dorado — COURT HOUSE — Union Co., c/o C. H. Murphy, chn. comn., 4 story and basement, 92 x 102 ft. courthouse, to W. Peterson, Little Rock, $692,500. Noted May 12.

Tex., San Antonio—HOSPITAL—Santa Rosa Infirmary, Houston and Santa Rosa Aves., general contract 6 story and basement, 50 x 160 ft., rein.-con. and brick addition, plain foundation, to Moeller & Weilbacker, c/o Builders Exch. Bldg., $195,640. Noted June 2.

Tex., San Antonio — HOTEL, etc. — Nueces Hotel, Corpus Christi, 6 story and basement, 90 x 100 ft. hotel, and 1 and 2 story, 60 x 110 ft., mechanical building, brick, stone, and terra cotta, plain foundation, to W. C. Thrailkill, c/o Builders Exch. Bldg., $200,000; steam heating and plumbing, to A. H. Shafer, 418 North St. Marys St., $50,719. Noted Apr. 28.

Calif., Eagle Rock — HOME — A. G. Bailey, archt., Hillstreet Bldg., Los Angeles, 3 story and basement, rein.-con., here, to C. A. Schweissinger, 627 Loomis St., Los Angeles, for Southern Calif. Home for Aged. $200,000. Noted May 19.

Buildings—Industrial

Proposed Work

Mass., Boston—BOILER PLANT—City, Hospital Dept., rejected bids May 20, altering and constructing 1 and 2 story, brick and steel, plain foundation, Albany St. To exceed $40,000. Noted May 12.

Mass., Quincy (Ind. br. Boston)—REPAIR and SERVICE GARAGE—Wilson & Lufkin, 665 Hancock St., plans 1 story, 11,000 sq.ft. floor space, rein.-con. and brick, Hancock St. $45,000. Engineer and architect not selected.

N. Y., Long Island City—PASTEURIZING PLANT and DISTRIBUTING STATION—Borden's Farm Products Co., C. E. Putnam, 110 Hudson St., New York City, soon takes bids brick and steel pasteurizing plant and distributing station, plain foundation, also altering existing buildings, Steinway and Pierce Aves., here. $350,000. A. Allrich, 373 Fulton St., Brooklyn, archts.

N. Y., Syracuse — FACTORY — Hall & McChesnay Publishers, 410 South Franklin St., having plans prepared, 1 and 2 story, 140 x 200 ft., North Clinton St. $150,000. G. L. Noble, 201 East Water St.

Pa., St. Marys—INCANDESCENT LAMP PLANT—Nilco Lamp Co. having plans prepared 2 story and basement, 50 x 85 ft., brick and steel lamp plant. $50,000. C. A. Searing, Farmers Bank Bldg., Pittsburgh, engr.

O., Cleveland — FACTORY — Cleveland Cleaner and Paste Co., F. U. S. Gilbert, pres., 500 Central Viaduct, plans 1 story, brick and steel addition, West 73rd St. and Cleveland, Cincinnati, Chicago & St. Louis R.R. tracks. $40,000.

O., Cleveland—COMMERCIAL and REPAIR GARAGE — Stoneman Co., F. S. Stoneman, pres., 7110 Superior Ave., had plans prepared by M. Altschuld, 5116 Woodland Ave., 1 story and part basement, 100 x 146 ft., brick and steel, East 53rd St. and Woodland Ave. $100,000.

O., Cleveland—FACTORY and LOFT—Weber Brass Co., L. A. Weber, pres., 1111 Power Ave., plans 4 story and basement, 32 x 120 ft., brick and steel, East 12th St. and Emeral Court. $100,000. Engineer and architect not selected.

Mich., Detroit—ALUMINUM CASTING FACTORY — Bohn Aluminum & Bronze Corp., 2512 East Grand Blvd., having plans prepared by C. W. Brandt, 1116 Francis Palms Bldg., 1 story, rein.-con., brick and steel, plain foundation, East Grand Blvd.

Ill., Chicago—FACTORY—A. S. Alschuler, archt., 28 East Jackson Blvd., preparing plans and takes bids about June 30, 12 story and basement, 160 x 165 ft., rein.-con., brick and terra cotta, caisson foundation, 714-28 West Van Buren St., for A. O'Rourke, 111 West Washington St. $2,000,000.

Ia., Waterloo — TRACTOR PLANT — John Deere Tractor Co., A. H. Head, genl. mgr., soon takes bids 1 story, 120 x 300 ft., rein.-con., steel and glass, Miles and Commercial Sts. Private plans.

Mo., St. Louis—BAKERY—C. J. Patterson Corp., 4050 Penn St., Kansas City, soon takes bids 3 story, rein.-con. and brick bakery, here. $100,000. Vorse, Kraetsch & Kraetsch, 1207 Commonwealth Bldg., Des Moines, Ia., archts. Noted Apr. 7.

Texas—POWER PLANT—Kansas City Power & Light Co., 14th and Grand Ave., Kansas City, Mo., operating in Texas under Panhandle Light & Power Co., Abilene, plans power plant, Magic City, near Panhandle, here. $90,000.

Tex., Riesel—COTTON GIN—L. C. Holze and associates, c/o 1st State Bank of Riesel, plans 5 stand, 80 saw capacity cotton gin. $45,000 incl. machinery. Private plans.

Tex., San Antonio — GARAGE — Smith Bros. Development Co., c/o Plaza Hotel, having plans prepared by A. B. and R. M. Ayres, 626 Bedell Bldg., 3 story and basement, 110 x 190 ft., rein.-con. and brick, plain foundation, Bowens Island. $100,000.

Oklahoma — POWER PLANT — T. C. Hughes, 1625 South Baltimore St., and E. G. Fike, 905 South Elwood St., Tulsa, et al., having preliminary plans prepared power plant on Arkansas River between Kaw City and Fairfax. $200,000. Private plans.

Calif., Belvedere — FACTORY — B. F. Goodrich Co., South Main St., Akron, O., having plans prepared 4 or 5 story, 250 x 1,200 ft. main building, 100 x 200 ft. power house and engine buildings, on 45 acre site, Mines Ave. in Union Pacific tract, near here. $4,000,000. Private plans. Noted May 26.

Calif., Los Angeles—FACTORY—Standard Upholstering Co., 1500 South Central Ave., having plans prepared by S. N. Benjamin, 718 East 16th St., 3 story, 91 x 140 ft., brick, 15th St. $80,000.

Calif., Los Angeles—FACTORY—Woolwine Metal Products Co., 2421 East 8th St., having plans prepared by Austin Co. of California, 777 East Washington St., three 1 story, brick and steel, 52nd St.

Bids Desired

Mass., Taunton—BAKESHOP—June 22, by Dept. Mental Diseases, State House, Boston, 2 story, brick, plain foundation, at Taunton State Hospital, for Commonwealth of Massachusetts. $40,000. Kendall, Taylor & Co., 142 Berkley St., Boston, archts.

N. J., Teaneck (mail Englewood)—POWER HOUSE—V. Reeser, archt., 55 West 42nd St., New York City, taking bids 2 story, brick and steel, plain foundation, here, for Holy Name Hospital, Teaneck Rd. $400,000. Noted May 19.

Pa., Allentown—KNITTING MILL—See "Contracts Awarded."

Pa., Blawnox — FACTORY — See "Contracts Awarded."

Pa., Lansdale—FACTORY—See "Contracts Awarded."

Pa., Phila.—MANUFACTURING—June 10, by P. M. Sax, engr., Penfield Bldg., 4 story and basement. 94 x 148 ft., rein.-con. and brick, plain foundation, 12th and Callowhill Sts., for Wolf Building Co., c/o engineer. $250,000.

Pa., (Chestnut Hill sta.) **Phila.**—STORAGE and WAREHOUSE—June 14, by G. Kingsley, archt., 103 East 125th St., New York City, 4 story and basement, 57 x 59 ft., rein.-con. and brick, plain foundation, Germantown Ave., here, for J. L. Gillies, 8575 Germantown Ave., Phila.

Ark., Ft. Smith—BAKERY—Wortz Biscuit Co., 201-7 South 5th St., taking bids 1 and 2 story and basement, 100 x 138 ft., rein.-con., brick and terra cotta, incl. loading shed, flour storage, mixing machinery, etc. South 5th St.. $150,000. C. J. Patterson Corp., 4050 Pennsylvania Ave., Kansas City, Mo., archts.

Ark., Ft. Smith—BAKERY—Ft. Smith Biscuit Co. taking bids 2 story and basement, brick bakery. $125,000. C. J. Patterson Corp., 4050 Pennsylvania Ave., Kansas City, Mo., archts.

Contracts Awarded

N. H., Nashua—GARAGE and MACHINE SHOP—City, P. D. Sargent, mayor, 1 story, 50 x 60 ft., and 60 x 200 ft., brick, concrete foundation, East Hollis and Dearborn Sts., to Nashua Building Co., 95 Temple St., $45,899. Noted Apr. 14.

Mass., Charlestown (sta. Boston) — SHOP and STORAGE—Charlestown Gas &

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Buildings—Industrial (Continued)

Electric Co., 29 Main St., reconstructing 1 story gas holder, 90 ft. diam., 72 ft. high, into shop and storage building, 25 Arlington St., to S. C. Sperry, Inc., 238 Main St., Cambridge. Archts. est. $40,000.

Mass., Salem—MANUFACTURING and WAREHOUSE—Parker Bros., 190 Bridge St., 2 story, brick, plain foundation, Bridge St., to Pitman & Brown, Washington St. Archts. est. $40,000 or more.

Mass., Watertown — MANUFACTURING and WAREHOUSE—W. Underwood Co., 52 Walnut St., Roxbury, 1 and 2 story, 200 x 205 ft., brick and granite block, plain foundation, Walnut St., to Turner Constr. Co., 178 Tremont St., Boston. May 26.

N. Y., Syracuse—GARAGE—M. Germain, 211 Hickok Ave., 2 story, rein.-con., brick and steel, plain foundation, James St., to T. Storto, 105 East Reynolds Ave. Engrs. est. $40,000.

N. Y., Syracuse—NEWSPAPER PLANT—Syracuse Herald, c/o Monks & Johnson, archts., 99 Chauncy St., Boston, Mass., 3 story, and basement, 120 x 145 ft., rein.-con., brick and stone, plain foundation, North Franklin and Noxon Sts., to Turner Constr. Co., 178 Tremont St., Boston, Mass. Archts. est. to exceed $40,000. Noted May 12.

N. J., East Orange—PATTERN SHOP—A. P. Smith Mfg. Co., 275 North Arlington Ave., general contract 3 story, 45 x 70 ft., brick and steel, plain foundation, North Arlington Ave., to W. C. Phelps, 21 Fulton St., Newark. Archts. est. $50,000. Noted May 17.

N. J., Paterson—ELECTRIC SUBSTATION—Pub. Serv. Electric & Gas Co., 188 Ellison St., general contract 2 story, 30 x 60 ft., brick and steel, plain foundation, 475 River St., to Alberg Constr. Co., 3 Church St. Archts. est. $40,000.

N. J., Union City — FACTORY — Reiss Premier Pipe Co., 400 45th St., 3 story, rein.-con., New York Ave., to Bonanno Bros., 988 Bergenline Ave. Archts. est. $300,000.

Pa., Allentown—KNITTING MILL—Arcadia Knitting Mills, Inc., c/o I. Reinhold, will build 4 story and basement, 66 x 219 ft., rein.-con. and brick, plain foundation, 8th and Harrison Sts. Work will be done by separate contracts. Jacoby & Everett, Commonwealth Bldg., archts.

Pa., Blawnox—FACTORY—Blawnox Co. will build 1 story, approximately 100 x 116 ft., brick, concrete and steel addition. $50,000. Work will be done by separate contracts. Private plans.

Pa., Lansdale — FACTORY — Perfect Foods, Inc., will build 2 story and basement, 41 x 115 ft., rein.-con. and brick, plain foundation. Work will be done by separate contracts. Franklin Conver, Inc., Otis Bldg., Phila., archt. Noted Apr. 21.

Pa., Pittsburgh—SAND and GRAVEL PLANT—Rodgers Sand Co., 1 Wood St., general contract 1 and 2 story and basement, irregular shaped, brick and concrete, Ridge Ave., to W. F. Trimble & Sons, 1719 Penn Ave. Archts. est. $250,000. Noted May 26.

Pa., Phila.—BOX FACTORY—Ballinger Co., archts., 12th and Chestnut Sts., 2 story and boiler basement, 80 x 300 ft., brick and rein.-con., plain foundation, D and Erie Sts., to Barclay White Co., 1713 Sansom St., for Crescent Box Co., D and Erie Sts. Noted May 19.

Md., Baltimore—FACTORY—H. F. Doeleman, engr., 516 North Charles St., 3 story and basement, 85 x 185 ft., brick and steel, Aisquith, Curtain and Robb Sts., to J. L. Robinson Contr. Co., 522 Park Ave., for J. H. Ferguson, 1918 Harford Ave. $100,000. Noted May 19.

O., Cincinnati—FACTORY—Multi Color Type Co., Eastern Ave., 2 story, brick and rein.-con., plain foundation, Eastern Ave., to De Vore Constr. Co., Dixie Terminal. $40,000.

O., Cleveland—FACTORY—East Shore Machine Products Co., V. M. Higgins, secy.-treas., 835 East 140th St., 1 story, 60 x 104 ft., brick and steel addition, to J. Reuss & Sons, Lloyd Rd. Archts. est. $40,000.

O., Cleveland — FACTORY — Harshaw-Fuller-Goodwin Co., 1000 Newburgh Ave., 2 story and basement, 38 x 40 ft., brick and steel, 1000 Newburgh Ave., to Hecker-Moon Co., 8701 Unoin Ave. Archts. est. $40,000. Private plans.

O., Cleveland—FACTORY—Ohio Bronze Powder Co., G. F. Glass, pres., 1120 East 152nd St., repairing 1 story, brick, steel and concrete, 1120 East 152nd St. recently damaged by fire, to W. Dunbar Co., 8201 Union Ave. Archts. est. $40,000. Noted May 26.

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O., Cleveland—FACTORY and OFFICE—Smith Incubator Co., W. A. Smith, treas., 1920 West 77th St., 2 and 1 story, 200 x 265 ft. factory, 20 x 200 ft. office, both brick and steel, Elmwood Ave., to Dresser Co., 1082 The Arcade. Archts. est. $715,000.

Mich., Detroit — STORAGE WAREHOUSE—Grand Trunk R.R. Terminal & Cold Storage Co., c/o Moores & Dunford, Inc., archts. and engrs., 110 East 42nd St., New York City, 9 story, 90 x 175 ft., rein.-con. and brick, here, to Bryant & Detwiler, 2336 Dime Bank Bldg. Archts. est. $2,000,000.

Ill., Waukegan—COKE PLANT—North Shore Coke & Chemical Co., (1st unit) series buildings, etc., incl. coke ovens, coal storage facilities and wharf along lake front, etc., all rein.-con., to Koppers Constr. Co., Union Trades Bldg., Pittsburgh, Pa. Archts. est. $1,000,000. Archts. total est. $12,000,000.

Wis., DePere—SERVICE STATION and SHOP—DePere Motor Co., George Ave. and Superior St., 2 story, 50 x 120 ft., rein.-con., brick and steel, plain foundation, to W. E. Beard, 643 Melrose St., Green Bay. Archts. est. $40,000. Noted May 26.

Mo., St. Louis—COFFIN FACTORY—Mound Coffin Co., 2000 North 2nd St., 4 story and basement, 65 x 75 ft., rein.-con. and brick addition, to Globe Constr. Co., Chemical Bldg. Archts. est. $60,000.

Tex., El Campo—WAREHOUSE and FEED MILL PLANT—Elco Mixed Feed Co., c/o R. A. Hancock, mgr., 4 story, 77 x 100 ft. warehouse, and 40 x 60 ft. feed mill, to H. E. Sutton, El Campo, approximately $40,000.

Calif., Los Angeles — GARAGE and FACTORY — Tucker & Reagan, Mutual Bldg. & Loan Assn., Long Beach, 1 and 2 story, 200 x 300 ft., brick, Washington and Alameda Sts., here, to C. W. Beverstock, 2818 Santa Fe Ave., $90,000. General Motor Truck Co., 717 South San Pedro St., lessee.

Calif., Los Angeles—SHOP, GARAGE, etc.—Los Angeles Co., constructing machine shop, garage, etc., to Lynch Constr. Co., 730 Merrill Ave., $80,962.

Buildings—Educational, Religious

Proposed Work

N. H., Concord—NURSES HOME—State, C. H. Dolloff, doctor, having plans prepared by Wells & Hudson, Hanover, 3 story and basement, 40 x 115 ft., and 40 x 60 ft., concrete and stone, home. $160,000.

Mass., Brookline (br. Boston)—SCHOOL—Town, Bd. Educ. having plans prepared by Kilham, Hopkins & Greeley, 9 Park St., Boston, altering and constructing 2 story and basement, brick and stone addition to R. C. Winthrop School, plain foundation. $150,000. R. D. Kimball Co., 6 Beacon St., Boston, engrs.

Mass., Cambridge (Boston P. O.)—CHAPEL—Harvard College, A. L. Lowell, pres., having new sketches made by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, memorial chapel, College Grounds. $1,000,000. Noted June 17.

Mass., Cambridge (Boston P. O.)—HALL—Harvard University having plans prepared by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, dining hall, Mt. Auburn and Holyoke Sts. $150,000 or more.

Mass., Everett (br. Boston)—CHURCH—First Baptist Church, G. C. McKay, Bway., having sketches made by G. F. Newton and E. H. Wambolt, 6 Beacon St., Boston, 1 story and basement, brick, stone and marble, plain foundation, Warren and Linden Sts. $160,000.

Mass., Wellesley—DORMITORIES—Wellesley College having plans prepared by C. Klauder, 1429 Walnut St., Phila., Pa., 2 dormitories. $150,000.

Mass., Weymouth—SCHOOL—Town, P. T. Pearson, supt. schools, having plans prepared by H. B. S. Prescott, 12 Pearl St., Boston, 2 story and basement, brick and stone, plain foundation, Pond Plain Dist. $150,000.

R. I., North Providence (sta. Providence) — SCHOOL — Town School Com., having sketches made by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story and basement, brick and stone, plain foundation, Fruit Hill Ave. $150,000.

R. I., Warwick—SCHOOL—Town, E. T. Wyman, supt. schools, having preliminary plans prepared by T. J. Hill Pierce, 275 Washington St., Providence, 2 story and basement, rein.-con., brick and steel school. $150,000.

Conn., Hartford—SCHOOL—Our Lady of Sorrows Parish, C. J. Hayes, pastor, had plans prepared by Mylchreest & Reynolds, 238 Palm St., 3 story and basement, brick and steel, Grace St. $150,000.

Conn., New Haven—HISTORICAL—New Haven Historical Society, J. L. Gilson, pres., 185 Church St., plans historical building, Whitney Ave. $300,000. Engineer and architect not selected .

Conn., West Hartford (br. Hartford)—CHURCH—Building Com., First Congregational Church, plans church South Main and Seyms Sts. $150,000. Engineer and architect not selected.

N. Y., Manlius — SCHOOL — Manlius School plans new school buildings, heating plant, altering existing buildings, etc. Engineer and architect not selected. A. B. Trowbridge, 110 East 42nd St., consult. archt.

N. Y., New York—SCHOOL of EDUCATION—New York University, Waverly Pl., having plans prepared by Schultze & Weaver, 17 East 49th St., 22 story and basement, 74 x 192 ft., brick, steel and stone, plain foundation, Washington Sq. E. $3,000,000.

N. J., Morristown—HIGH SCHOOL—Bd. Educ., 50 Early St., having sketches made by Guilbert & Betelle, 20 Branford Pl., Newark, 3 story, brick and steel addition, plain foundation. $250,000.

N. J., Newark — CHURCH — Lutheran Church, c/o F. H. Koenigsberger, archt., 48 Walnut St., plans raising $150,000 funds, 1 story, brick and steel, plain foundation. Project in abeyance until 1928. Noted May 26.

N. J., Newark — INDUSTRIAL ARTS SCHOOL — Bd. Educ., City Hall, Broad and Green Sts., having preliminary sketches made by Guilbert & Betelle, 20 Brandford Pl., 3 story, brick and steel, plain foundation. $300,000.

N. J., Newark—SCHOOL—Bd. Educ., City Hall, Broad and Green Sts., having sketches made by F. Grad, 1023 Broad St., 3 story, brick and steel, plain foundation, Bragaw Ave. $350,000.

N. J., Newark—SCHOOL—Bd. Educ., City Hall, Broad and Green Sts. having sketches made by Simpson & Rolston, 45 Walnut St., brick and steel, plain foundation. $150,000.

N. J., Roselle (Ind. br. Elizabeth)—SCHOOL—Bd. Educ., Boro Hall, having sketches made by F. A. Elsasser, 845 Broad St., Newark, 2 story brick and steel addition, plain foundation. $150,000.

N. J., Union City—SCHOOL—Bd. Educ., Palisade Ave. and 38th St., having sketches made by J. D. Lugosch, 714 Bergenline Ave., 3 story, brick and steel, plain foundation, Palisade Ave. $200,000.

Pa., Phila. — ART MUSEUM — Comrs. Fairmont Park, City Hall, having plans prepared by Trumbauer Zantzinger & Borie, Land Title Bldg., completing interior McFadden Art Museum wing, Parkway. $1,000,000.

Pa., Saltsburg—ADMINISTRATION—Kiskiminetos Preparatory School, c/o A. Williams, having plans prepared by Lowrie Green & Co., 3rd and Forster Sts., Harrisburg, probably 2 story and basement, brick and steel administration building. $150,000.

W. Va., Wellsburg—HIGH SCHOOL—Wellsburg Independent Dist. voted $225,000 bonds, new school building. E. K. Sheets, pres. Bd. Educ.

Tenn., Chattanooga—SCHOOLS—Hamilton Co. defeated $800,000 bonds, schools. Noted May 12.

Tenn., Knoxville — SCHOOLS — Voted $850,000 bonds, new school buildings and completing others.

O., Belpre—HIGH SCHOOL—Bd. Educ. having plans prepared by Porter & Virtue, 174 North High St., Columbus, 3 story and basement, brick and concrete, incl. auditorium and gymnasium, on school site. $150,000.

O., Bexley (mail Columbus)—CHURCH—Bexley Methodist Episcopal Church, W. F. Hutchinson, chm., 87 South Drexel Ave., having plans prepared by Richards, McCarty & Bulford, 584 East Broad St., Columbus, 170 x 240 ft., concrete, steel and stone, incl. sunday school, East Broad St. $400,000.

Ill., Chicago—HOSPITAL—University of Chicago, 14 East Jackson Blvd., having sketches made by Schmidt, Garden & Erickson, 104 South Michigan Ave., Chicago Lying-In-Hospital, on campus.

Mo., Sedalia—SCHOOLS—Voted $225,000 bonds, remodeling present and constructing 2 new schools, for Bd. Educ. Noted May 12.

Ark., Ft. Smith—HIGH SCHOOL—Voted $400,000 bonds, 3 story, concrete and brick high school and elementary school, for Bd. Educ., G. C. Hardin, pres. Noted Mar. 17.

Buildings—Educational, Religious (Cont.)

Tex., Dallas—CHURCH—St. Matthews Episcopal Congregation, Garrett St. and Ross Ave., raising $360,000 funds, and plans rein.-con. and brick church. Engineer and architect not selected.

Ore., Portland—SCHOOL—School Dist. 1, having plans prepared by G. H. Jones, 7th and Clackamas Sts., and soon takes bids school, Portsmouth (suburb). To exceed $200,000.

Calif., El Monte — GYMNASIUM — El Monte Union High School Dist. having plans prepared by Thorne & Ficker, 19 North Catalina St., Pasadena, 100 x 100 ft., brick gymnasium. $150,000 or more.

Calif., Gridley—HIGH SCHOOL—Gridley High School Dist. voted $150,000 bonds, high school. Noted Dec. 16.

Calif., Huntington—HIGH SCHOOL—Huntington Park Union High School Dist., having plans prepared by G. M. Lindsey, Union Insurance Bldg., high school, incl. gymnasium, etc. $175,000.

Calif., Los Angeles — CHURCH, etc. — First Congregational Church, 845 South Hope St., had preliminary plans prepared by Allison & Allison, Hibernian Bldg., church, Sunday school, auditorium, etc., 6th St. $1,000,000. Noted May 5.

Calif., Los Angeles—SYNAGOGUE—Temple Israel having plans prepared by S. T. Norton & F. H. Wallis, Financial Center Bldg., 1 story, 126 x 240 ft., rein.-con., stucco, terra cotta and limestone, incl. auditorium 1,600 seating capacity, two towers 110 ft. high, dome 108 ft. diam., 40 ft. high, etc., Franklin and Argyle Aves. $500,000.

Calif., Los Angeles—NURSES HOME—Queen of Angels Hospital, Waterloo St., having plans prepared by A. C. Martin, Higgins Bldg., 5 story and basement, 50 x 150 ft., rein.-con., Waterloo St. $150,000.

Calif., Los Angeles—SUNDAY SCHOOL—Congregation B'nai B'Rith, having sketches made by A. M. Edelman, Hellman Bldg., and Allison & Allison, associated archts., Hibernian Bldg., 3 story and basement, 95 x 150 ft., brick, Wilshire and Hobart Blvds. $150,000.

Calif., Montebello — SCHOOL — Montebello School Dist. having plans prepared by Jeffrey & Schaefer, 1104 Kerckhoff Bldg., Los Angeles, probably 3 buildings, here. $175,000. Noted May 12.

Calif., Oakland—SCHOOL—Oakland City School Dist. having plans prepared by W. H. Weeks, 369 Pine St., San Francisco, fireproof annex, 17th St. $150,000.

Calif., Sacramento — CHURCH — First Baptist Church having preliminary plans prepared by I. C. Saterlee, 119 East Rose St., Stockton, church, 24th and L Sts. $150,000.

Calif., Sanger—HIGH SCHOOL—Sanger High School Dist. voted $198,000 bonds, fireproof high school. Noted Apr. 21.

Calif., South Pasadena (Ind. br. Pasadena)—CHURCH—Roman Catholic Archbishop, Los Angeles, having plans prepared by E. G. Martin, Higgins Bldg., Los Angeles, rein.-con. and stone, Rollin St., here. $150,000.

Que., Cap de la Madeleine—CONVENT—Roman Catholic School Comrs. having plans prepared by J. Caron, Three Rivers, convent, Wright site. $200,000.

Que., Grand Mere — SCHOOL — School Comm. rejected bids new school. $150,000. Will readvertise. J. Caron, Three Rivers, archt. Noted Mar. 31.

Ont., Kenora — HIGH SCHOOL — Bd. Educ. plans 2 or 3 story and basement, 16 room, rein.-con., brick and steel, plain foundation. $175,000. Engineer and architect not selected.

Bids Desired

Mass., Cambridge (Boston P. O.)—SCHOOL—June 20, by W. B. Colleary, archt., 80 Boylston St., Boston, 3 story and basement, 80 x 180 ft., brick and steel, plain foundation, Buckingham St. and Manassas Ave., here, for St. Peters Roman Catholic Church, 31 Buckingham St. Noted June 2.

Mass., Haverhill—HALL—St. Jean the Baptist Society, 41 Lafayette St., taking bids Lafayette Hall, 3 story and basement, 85 x 100 ft., brick, plain foundation, Lafayette Sq. $150,000. J. G. Morrisette, 575 A Essex St., Lawrence, archt.

Mass., Milford—CHURCH—Sacred Heart Parish, c/o J. W. Donahue, archt., 1242 Main St., Springfield, taking bids 1 story and basement, brick and stone church. $150,000. Noted May 26.

Mass., Northampton — NURSES HOME and WARD, etc. — June 21, by Commonwealth of Massachusetts, Dept. Mental Diseases, State House, Boston, 3 story and basement nurses' home, $175,000, and 3 story and basement ward, $200,000, both brick, plain foundations, here. G. Robb, 14 Beacon St., Boston, archt. Noted May 19.

Mass., Springfield — HIGH SCHOOL — June 16, by City, Pub. Building Dept., 2 story and basement, brick and steel addition to Junior High School, Eastern Ave. $150,000. B. H. Seabury Co., 21 Besse Pl., archts. Noted Apr. 14.

R. I., Warren—HIGH SCHOOL—Town, C. H. DeWolf, South Main St., taking bids Senior and Junior High School, 2 story and basement, brick and stone, plain foundation, Main St. To exceed $150,000. E. M. Corbett, 70 Bedford St., Fall River, Mass., archt. Noted June 2.

Conn., Hartford—SCHOOL—June 14, by I. A. Allen, Jr., Inc., archts., 100 Farmington Ave., 3 story, brick and steel, Vine St., for City, H. U. Tuttle, chn. $300,000.

N. Y., Far Rockaway—HIGH SCHOOL—June 21, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, Far Rockaway High School, Cornaga Ave., Oceancrest Blvd., Beach 25th and 29th Sts., here, for Bd. Educ., 500 Park Ave., New York City. Former bids rejected. Noted May 5.

N. Y., Hollis (mail Jamaica)—SCHOOL—June 21, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 134, 109th Ave. from 203rd to 204th Sts., South Hollis, here, for Bd. Educ., 500 Park Ave., New York City.

N. Y., Kingston—MUSEUM—June 23, by State Architect, Capitol, Albany, State Museum, Senate House Property, here. adv. E. N.-R. June 9.

N. Y., New York—SCHOOL—June 21, by W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 86, Reservoir Ave. and West 195th St., here, for Bd. Educ., 500 Park Ave. Noted Apr. 28.

N. J., Egg Harbor City—SCHOOL—V. J. Eak, archt., 12 Broad St., Red Bank, taking bids general contract 2 story, 60 x 115 ft., brick and steel, plain foundation, here for St. Nicholas Parish. $150,000.

Pennsylvania—SCHOOLS—June 13, by Bd. Educ., J. W. Huff, supt., Brookline, constructing brick addition on Cooperstown Rd.; also 6 room addition to Chestnut Wald School, and Junior High Schools, and 4 room addition to Brookline School and Senior High School, all plain foundations, in Haverford Twp. Boyd, Abel & Gugert, Otis Bldg., Phila., archts.

Pa., New Wilmington — MEMORIAL — Westminster College, New Wilmington, and A. L. Thayer, archt., New Castle, taking bids Old Main Memorial, 3 story and basement, irregular shaped brick, stone and steel. $300,000. Noted Mar. 31.

Pa., Pittsburgh—SCHOOL—June 16, by Bd. Educ., Fulton Bldg., Regent Square Elementary School, 2 story and basement, brick and steel, Henrietta and Milton Sts. $150,000. Private plans.

Md., Baltimore—NURSES HOME and HOSPITAL—June 15, by H. G. Jory, archt., Munsey Bldg., and C. N. and N. Friz, consult. archt., Lexington Bldg., 4 story, brick nurses home and alterations to hospital, plain foundation, 1215 Light St., for South Baltimore General Hospital. $200,000.

O., Akron—SCHOOL—June 16, by Bd. Educ., 2 story and basement addition to Glover School, Hammel and Cole Aves. $150,000. M. M. Konarski, Merriman Rd., archt.

Wis., Racine—SCHOOL—June 14, by Bd. Educ., A. H. Schafer, secy., 3 story and basement, rein.-con. and brick school, incl. gymnasium and auditorium, here. $550,000. Former contract rescinded. Croft & Boerner, 1004 Marquette Ave., Minneapolis, Minn., archts.

Minn., Mankato—SCHOOL—June 16, by Bd. Educ., 2 story and basement, rein.-con., brick and stone school. $250,000. G. Pass & Son and P. T. Rockey, Mankato, archts.

Minn., Winona—SCHOOL—June 21, by Bd. Educ., A. H. Kressin, clk., 2 story and basement, rein.-con., brick and stone addition, 5th St. between Washington and Johnson Sts. $200,000. W. B. Ittner, Inc., 408 Bd. Educ. Bldg., St. Louis, Mo., and B. J. Knowles, 63 West 4th St., Winona, archts.

Contracts Awarded

Mass., Amherst—FRATERNITY—Alpha Delta Fraternity, 3 story and basement, 70 x 90 ft., brick and stone, plain foundation, to H. Wales-Lines Co., 134 State St., Meriden, Conn. Archts. est. $150,000. Noted Feb. 10.

Mass., Blackstone — CONVENT — St. Pauls Parish, T. P. Smith, pastor, 2 story and basement, brick and stone, plain foundation, to M. J. Walsh & Sons, 1412 Dwight St., Holyoke. Archts. est. $150,000.

Mass., West Roxbury (br. Boston)—CHAPEL—Pride of Jacob Parish, c/o Krokyn, Browne & Rosenstein, archts., 220 Devonshire St., Boston, 1 story and basement, brick, stone and marble, plain foundation, here, to L. Poorvu, 1 Narmandy St., Roxbury. Archts. est. $150,000. Noted Apr. 28.

Conn., Norwalk—CHURCH—St. Paul's Episcopal Parish, L. B. Howell, pastor, brick and stone, West Ave., to M. Durrschmidt, 100 Main St., Derby. Archts. est. $300,000. Noted Apr. 28.

N. Y., Troy—DORMITORY—Emma Willard School, W. L. Thompson, chn. building com., general contract 3 story, brick and stone, plain foundation, Lawling Ave., to Amsterdam Building Corp., 441 Lexington Ave., New York City. Archts. est $850,000.

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Buildings—Educational, Religious (Cont.)

N. J., West New York (Ind. br. Weehawken) — HIGH SCHOOL — Bd. Educ., Municipal Bldg., completing 3rd story, 175 x 230 ft., brick and steel high school, incl. grading walks, etc., to Auf Der Heide Contg. Co., 443 16th St., approximately $150,000.

Pa., Uniontown—SCHOOL—Bd. Educ., general contract 2 story and basement, brick and steel addition to Gallatin School, to A. Walters, Uniontown. Archts. est. $150,000. Noted May 19.

D. C., Wash. — DORMITORY and REFECTORY—Trinity College, dormitory and refectory, to C. J. Cassidoy, 700 10th St. N. W. Archts. est. $400,000.

W. Va., Martinsburg—HIGH SCHOOL—Bd. Educ., high school, to C. Harrison Smith, Huntington, $217,300.

O., Akron — SCHOOL and PARISH HOUSE — St. John the Baptist Church, J. P. Novak, 375 Grant Ave., 62 x 86 ft. school, and 34 x 50 ft. parish house, both brick, steel and concrete, to C. W. and P. Constr. Co., 2nd Natl. Bldg.

Ind., Indianapolis — COLLEGE — Butler College, general contract 3 rein.-con. and limestone buildings, 46th St. and Sunset Ave., to Hegeman & Harris Co., Inc., 431 North Michigan Ave., Chicago, Ill., $1,500,000. Noted Mar. 17.

Ill., Oak Park — GYMNASIUM and FIELD HOUSE—Bd. Educ., 1 and 2 story, rein.-con., brick and stone, to Warner Constr. Co., 111 North Dearborn St., Chicago. Archts. est. $450,000. Noted Oct. 28.

Minn., Minneapolis—GYMNASIUM and FIELD HOUSE—Comrs. Administration & Finance, Capitol, St. Paul, general contract rein.-con., brick and stone gymnasium and field house, State University Campus, here, to Madsen Constr. Co., 618 Natl. Bldg., $507,400. Noted Apr. 14.

Tex., Edinburg—HIGH SCHOOL—Edinburg Common School Dist., L. E. Tinkler, pres., Junior High School, 2 story, 210 x 227 ft., rein.-con., brick and steel, to W. L. Pearson & Co., 1st Natl. Bank Bldg., Houston, $279,150. Noted Apr. 28.

Federal Government Work

Proposed Work

California—Roads—C. H. Sweetser, dist. engr. Bureau Pub. Rds., Sheldon Bldg., San Francisco, made plans grading, bridging and concrete paving 7.58 mi. Blairsden-Quincy Natl. Forest Highway, Plumas Co.

Bids Desired

Mass., Boston—Pile Driving—Spec. 5403—June 15, Bureau Yards & Docks, Navy Dept., Wash., D. C., pile driving on pier, Navy Yard, here.

Conn., New Haven—Water Supply—June 28, by Treas. Dept., at office Supervising Archt., Wash., D. C., water supply at U. S. Post Office, here.

Conn., New London—Reroofing—Spec. 5366—June 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., reroofing buildings 14A-G and 39, at Naval Submarine Base, here.

N. Y., Fort Wright (Fishers Island P. O.)—Dredging—June 15, by Constructing Quartermaster, dredging boat slip.

N. Y., New York—Water Piping—June 30, by Treas. Dept., at office Supervising Archt., Wash., D. C., removing present piping and installing new brass water supply at U. S. Custom House, here.

N. Y., Staten Island—Steel Bodies—June 20, by Superintendent Lighthouses, 32 steel bodies with skeleton lantern tower for various types gas buoys, with bottom counterweights, some with bell and some whistle.

New Jersey—Dredging—July 6, by U. S. Engineer Office, Wilmington, Del., dredging Woodbury and Mantua Creeks, here; adv. E. N.-R. June 9.

Pa., Marcus Hook—Boiler, etc.—June 21, by Treas. Dept., at office Supervising Archt., Wash., D. C., boiler house (addition to disinfecting and bath building) incl. mechanical equipment, etc; also reconstructing gangway, changes of wharf, etc. for U. S. Quarantine Station, here.

Pa., Phila.—Storage Addition—June 28, by U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., storage addition to kitchen at U. S. Veteran's Hospital, here.

Va., Buckroe Beach—Timber Groins—June 17, by U. S. Engineer Office, Fort Norfolk, Norfolk, constructing timber groins, at Fort Monroe Reservation, near here; adv. E. N.-R. June 9.

Va., Fort Humphreys—Barracks—July 5, at office Constructing Quartermaster, con-

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structing 6 barrack buildings, here; adv. E. N.-R. June 9. Noted Jan. 20.

S. C., Parris Island—Heating System—Spec. 5374—June 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., steam heating system, at U. S. Marine Barracks, here.

Ga., Columbus — Boiler — June 23, by Treas. Dept., at office Supervising Archt., Wash., D. C., boiler at U. S. Post Office, here.

La., Carville—Boiler—June 24 by Treas. Dept. at office Supervising Archt., Wash., D. C., boiler at U. S. Marine Hospital, here. Noted Mar. 3.

O., Ashland—Remodeling—June 27, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Ind., Jeffersonville—Roads—June 10, by Constructing Quartermaster, graveling and treating 1,000 sq.yd. road beds.

Mich., Cheboygan—Retaining Walls, etc.—June 15, by Treas. Dept., at office Supervising Archt., Wash., D. C., constructing retaining walls, grading, etc. at U. S. Post Office, here.

Mich., Jackson—Boiler—June 22, by Treas. Dept. at office Supervising Archt., Wash., D. C., boiler in U. S. Post Office, here.

Ill., Chicago — Dredging — June 17, by U. S. Engineer Office, dredging Rock Section in Calumet River, here.

Ill., Batavia—Post Office—July 6, by Treas. Dept., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here. J. A. Wetmore, acting superv. archt.; adv. E. N.-R. June 9.

Minn., Albert Lea—Boiler—June 21, by Treas. Dept., at office Supervising Archt., Wash., D. C., boiler in U. S. Post Office, here.

South Dakota—Road—June 14, by J. W. Johnson, dist. engr. Bureau Pub. Rds., Custom House, Denver, Colo., grading, etc. 3.12 mi. Sheridan 2 Section Deadwood-Hot Springs Natl. Forest Rd. Project, Pennington Co., here.

Mo., Kansas City—Roofing—June 15, by Treas. Dept., at office Supervising Archt., Wash., D. C., roofing work at U. S. Post Office, here.

Mo., Westalton—Revetment—June 17, by U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, 6,000 ft. standard revetment on Missouri River at Amazon Bend, about 6 mi. southwest of here.

Tex., Galveston—Heating—June 29, by Treas. Dept., at office Supervising Archt., Wash., D. C., heating work at U. S. Quarantine Station, here.

Idaho, Coeur d'Alene—Post Office—June 27, by Treas. Dept. at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here. Noted May 19.

Ore., Baker City—Boiler—June 27, by Treas. Dept., at office Supervising Archt., Wash., D. C., boiler at U. S. Post Office, here.

Calif., Oakland—Dredging—June 21, by U. S. Engineer Office, Custom House, San Francisco, 2,300,000 cu.yd. dredging in Oakland Harbor, here.

Calif., San Diego — Heating System — Spec. 5382—June 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., heating system, at Naval Operating Base, here. Noted June 2.

Contracts Awarded

Me., Portland—Boiler—Treas. Dept., at office Supervising Archt., Wash., D. C., boiler at U. S. Marine Hospital, here, to R. H. Baker Co., 304 Main St., Boston, Mass., $4,937. Noted Apr. 28.

Mass., Bedford — Deep Wells — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., 300 ft. well, at U. S. Veterans Hospital, here, to Barker Artesian Well Co., 141 Allens Ave., Providence, R. I., $2,100, and $6 per lin.ft. for depth exceeding 300 ft. and not exceeding 450 ft. Noted Apr. 7.

N. Y., New York—Ferry Racks—Treas. Dept. at office Supervising Archt., Wash., D. C., rebuilding 2 ferry racks at Ellis Island Barge Office, here, to A. M. Hazell, Inc., 26 Cortlandt St., New York City, $23,960. Noted Apr. 21.

Pa., Phila.—Refrigerating Plant—Spec. 5348—Bureau Yards & Docks, Navy Dept., Wash., D. C., refrigerating and cold storage plant for commissary stores, Navy Yard, here, to Frigidaire Corp., 1313 New York Ave., Wash., D. C., $3,152. Noted May 19.

Pa., Pittsburgh—Lock Gate—U. S. Engineer Office, lower lock gate for Lock 2, Allegheny River, to Independent Bridge Co., Neville Island, $11,972. Noted Apr. 21.

Va., Fort Monroe—Clearing Reservoir—Constructing Quartermaster, clearing upper end reservoir at Big Bethol, here, to E. P. Lindsay, 312 King St., Portsmouth, $10,068.

Tenn., Memphis—Barges—U. S. Engineer Office, 13 barges to Amer. Bridge Co., Frick Bldg., Pittsburgh, Pa., $14,479. Noted Apr. 21.

O., Cleveland—Wharf Superstructure—U. S. Engineer Office, Buffalo, N. Y., concrete superstructure 9th St. Wharf, [illegible] to L. A. Wells Constr. Co., Cleveland, $25,104. Noted Apr. 21.

Ark., North Little Rock (Ind. br. Little Rock) — Refrigeration Equipment — U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., refrigerating equipment in Mess and Kitchen Building 26, to J. C. Lewis, 823 Home Insurance Bldg., Little Rock, $9,483. Noted Apr. 28.

California — Road — Bureau Pub. Rds., Sheldon Bldg., San Francisco, grading 2.96 mi. Placerville-Lake Tahoe Natl. Forest Highway, El Dorado Co., to Irey & Holden, Lodi, $93,812. Noted May 17.

Calif., San Diego—Garage—Spec. 5363—Bureau Yards & Docks, Navy Dept., Wash., D. C., garage at Nurses' Quarters, Naval Operating Base Hospital, here, to E. F. Hastings, 3754 5th St., $3,544. Noted May 5.

Unclassified

Proposed Work

Elimination Grade Crossings — New York — Pub. Serv. Comn., Albany, plans elimination grade crossing south of Whallonsburg Station, Essex Co., Day and Lyon's crossings north of Calcour Station, Stetson and Banker crossing north of Chazy Stations, Champlain, Smith and Angel crossings, south of Rouses Point, Harkness and Duckross crossings north of Harkness Station, Ausable, Peru, south and north, near Peru Station, Clinton Co., and Mansion House crossing Saratoga Co., all foregoing over Delaware & Hudson R.R. tracks, in Clinton Co.; West St. crossing, Peekskill, Westchester Co., Foundry crossing south of Cold Spring, Main St. crossing, in Cold Spring, and Breakneck crossing south of Storm King Station, town of Phillipstown, all in Putnam Co., also Storm King Crossing south of Storm King Station, Fishkill Dutchess Co., all foregoing over New York Central R.R. tracks; Blakesley Rd. (Center Line Rd.) crossing near Blakesley Station, Aurora, Erie Co., over Pennsylvania R.R. tracks; Miller Crossing northwest of Conesus Lake Junction, Avon, Livingston Co., over Erie R.R. tracks and crossing Ballston Ave., Saratoga Springs (Geyer Crossing) over Delaware & Hudson and Hudson Valley R.R. tracks.

Stadium — New Brunswick, N. J. — Bd. Educ., 40 Paterson St., plans concrete stadium. $25,000 funds being raised. Engineer not selected.

Bath House and Pool—Wash., D. C.—District Comrs., District Bldg., take bids about June 15, bath house and bathing pool at McKinley High School, $75,000; also plans bathing pool at Junior High School, 24th and M Sts. N. W., $75,000. Noted Mar. 31.

Subway—Edwardsville, Ill.—See "Streets and Roads."

Lighting System and Traffic Signals — Peoria, Ill. — Plans ornamental lighting system on South Adams St.; and installing 10 additional "Stop and Go" electrical traffic signals. $25,000. W. E. Backes, City Hall, engr.

Lighting System—Little Rock, Ark.—See "Streets and Roads."

Lighting System—Chetopa, Kan.—See "Waterworks."

Fairground Improvements — Beaumont, Tex.—City making preliminary plans improving fair-ground. $150,000 bond election soon for same. Address Mayor.

Pipe Line — Point Isabel, Tex. — Point Isabel Development Co., c/o G. R. Tyrell, soon takes bids probably 6 in. water pipe line from here to point near south of Rio Grande River, where 2 m.g. concrete reservoir and settling basin will be erected. $80,000. Private plans.

Gas System and Gas Line—Oklahoma—W. H. Gant, Ardmore, plans 28,000 ft. 6 in. natural gas main from Davis to Pauls Valley and distribution system in Pauls Valley. $45,000. Private plans.

Gas System and Gas Pipe Line—Oklahoma—W. H. Gant, Ardmore, plans 23,000 ft. 4 in. gas pipe line from Davis to Sulphur, and natural gas system in Sulphur. $30,000. Private plans.

Gas System and Gas Pipe Line—Oklahoma—W. H. Gant, Ardmore, plans 25,000 ft. 4 in. gas pipe line from Purcell to Maysville and natural gas system in Purcell. $30,000. Private plans.

Transmission Line—Oklahoma—E. W. Baker & Co., 414 Medical Arts Bldg., Oklahoma City, made preliminary plans 10 mi. 13,200 volt transmission line from

Unclassified (Continued)

Wanette to Lexington, and distribution system in Lexington. $30,000. Private plans.

Transmission Line—Oklahoma—E. W. Baker & Co., Medical Arts Bldg., Oklahoma City, made plans 12 mi. 22,000 volt electric transmission line from Wanette to Byars, and distribution system in Byars. $30,000. Private plans.

Gas System and Mains—Davis, Okla.—W. H. Gant, Ardmore, plans 28,000 ft. 4- and 6-in. gas mains from gas fields to here and distribution system, here. $40,000. Private plans.

Fire Alarm System—Burlingame, Calif.—Voted $85,000 bonds, fire alarm system.

Lighting System—Culvert City, Calif.—Plans ornamental lighting system on portions Culvert Blvd., Washington St. and Overland Ave., etc. To exceed $25,000.

Rock and Sand Bunkers—Los Angeles, Calif.—R. V. Leeson, engr., San Fernando Bldg., soon takes bids rock and sand bunkers, San Fernando Rd., for Union Rock Co., 7th and Los Angeles Sts. $45,000.

Bids Desired

Fences—Providence, R. I.—June 22, at office Water Supply Bd., City Hall, 23 mi. Knox type wire fences, in vicinity Scituate Reservoir. W. W. Peabody, 661 Westminster St., ch. engr.; adv. E. N.-R. June 9.

Exit Facilities, Electrical Work, Stairs, etc.—Kings Park, N. Y.—June 22, by Commissioner Mental Hygiene, Dept. Mental Hygiene, Capitol, Albany, exit facilities, electrical work, new stairs, fire escapes, doors, etc., at Kings Park State Hospital, here; adv. E. N.-R. June 9.

Subway—New York, N. Y.—June 24, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sects. 1 and 2, Route 45, part Bway.-4th Ave. Rapid Transit R.R., Manhattan Boro.

Heating Work—Oxford, N. Y.—June 23, by Superintendent Purchase, Div. Standards & Purchase, Executive Dept., Capitol, Albany, heating work, new boilers, etc. at New York State Womans Relief Corps Home, here; adv. E. N.-R. June 3.

Overhead Crossing, etc.—Alberta City, Ala.—"See Bridges under Alabama."

Tunnel etc.—Kent, O.—June 23, by W. Acluff, secy. Bd. Trustees Kent Normal School, constructing 300 ft. tunnel, revamping steam pipes and electric system. $75,000. Ronan & Ingleson, 1614½ North High St., Columbus, engrs. Noted May 12.

Park Improvements—East St. Louis, Ill.—See "Contracts Awarded."

Baffle Walls—Chariton, Ia.—June 17, by Auditor Lucas Co., 151 baffle walls, etc. on U. S. Highway 34 west of here.

Transformer Unit, etc.—Duluth, Minn.—See "Contracts Awarded."

Culverts—Omaha, Neb.—June 13, by G. Berger, clk. Douglas Co., Court House, rein.-con. on corrugated iron culverts, also clay tile pipe during year f.o.b. any station in county.

Street Lighting System—St. Louis, Mo.—June 28, by Bd. Pub. Serv., 208 City Hall, street lighting system in district bounded by River, Grand Blvd., Arsenal and Bates Sts., incl. 4,400 concrete standards complete with lanterns, glasswear, cabling, etc. $900,000. J. Pritchard, dir.

Turbine Generators—St. Louis, Mo.—June 17, by G. J. Dietz, supply comr. Water Dept., 2 steam-driven generators for Howards Bend Station on Missouri River. $30,000. L. Day, comr.

Underground Cable—St. Louis, Mo.—See "Contracts Awarded."

Land Development—Point Isabel, Tex.—James & Dickinson, Brownsville, taking bids developing town Point Isabel, incl. paving $60,000, fresh water supply system, etc. $25,000. Private plans.

Lighting System—Beverly Hills, Calif.—June 20, by B. J. Firminger, city clk., ornamental lighting system on portions Country Club and Whitworth Drs., etc. To exceed $25,000. Noted Mar. 31.

Concrete Tunnel—Three Rivers, Que.—Making plans concrete tunnel. $25,000. Z. Lambert, Three Rivers, engr.

Smelter Plant and Wharf — Ladysmith, B. C.—W. G. Swan, engr., Birks Bldg., Vancouver, soon takes bids reconditioning smelter plant, new ore shipment wharf, etc., here, for H. Cormichail & Associates, Victoria. $40,000.

Contracts Awarded

Foundation, etc.—Brookline (br. Boston), **Mass.**—Congregation Obebie Shalom, 11 Union Park St., Boston, concrete foundation and excavation for temple, Beacon St., to A. G. Tomasello & Son, 65 Devonshire St., Boston. Engrs. est. $25,000. Noted May 12.

Oil Terminal — Wethersfield (br. Hartford), **Conn.**—Tide Water Oil Sales Corp., 11 Bway., New York City, constructing oil terminal, incl. garage, pump room, pipe line, dikes, etc., to C. P. Waterman, 43 Farmington Ave., $20,000.

Fire Alarm System—Brooklyn, N. Y.—J. J. Dorman, fire comr., Municipal Bldg., New York City, pipe for portion fire alarm system, Flatbush improvement, to J. H. Gearhart, Inc., 50 Church St., New York City, $10,719; and cable, to J. Sugden Co., 100 5th Ave., New York City, $45,782. Noted May 19.

Foundation—Long Island City, N. Y.—See "Buildings—Commercial under Proposed Work."

Stadium—Asbury Park, N. J.—Bd. Educ., City Hall, concrete stadium, to I. R. Taylor & Co., 907 Main St., $84,700. Noted May 19.

Grand Stand — Phila., Pa. — C. M. Murphy, c/o Phila. Natl. League Baseball Club, lessee, 15th St. and Huntingdon Dr., steel grand stand, Huntingdon Dr., to R. A. Raff Co., 1635 Thompson St. Archts. est. $40,000.

Grade Crossing Elimination—Greensboro, N. C.—Grade crossing elimination consisting 12 underpasses eliminating grade crossings, to North Eastern Constr. Co., 101 Park Ave., New York City, $984,935. Noted Apr. 28.

Lighting Standards, etc.—Columbus, O.—W. H. Duffy, dir. Pub. Serv., 561 lighting standards, underground electrical wiring, etc. on Broad St., to Donovan Constr. Co., 1101 Builders Exch. Bldg., St. Paul, Minn., $132,270; also standards, etc. on High St. from 5th Ave. to Arcadia Ave., to C. M. Kelso Co., Columbus, O., $29,931.

Grade Separation—Fordson, Mich.—B. P. Esper, village clk., excavating grade separation, depressing street under 4-track railway bridge, incl. pump house and 2 motor driven centrifugal pumps, to Duffy & Jutton Co., 1301 Penobscot Bldg., Detroit, $154,000. Noted May 5.

Park Improvements—East St. Louis, Ill.—East St. Louis Park Bd., 929 Missouri Ave., will improve and construct various parks and boulevards, by day labor. $83,000. E. P. Griffin, c/o owner, engr.

Wharf, etc.—Waukegan, Ill.—See "Buildings—Industrial."

Transformer Unit, etc.—Duluth, Minn.—Minnesota Power & Light Co., 30 West Superior St., authorized $1,250,000 for construction through 1927, plans include transformer units, transmission lines, generator at Little Falls, etc. Work will be done by day labor. L. M. Pharis, c/o owner, engr.

Underground Cable — St. Louis, Mo.—Southwestern Bell Telephone Co., 11th and Pine Sts., will construct 6 mi. 3 in. underground cable between main office, 11th and Pine Sts. and Cabany Exchange, 6214 Delmar Blvd., by own forces. $72,500. Private plans.

Wharf Extension—Houston, Tex.—Port Comn., 175 ft. extension to Wharf 1, at Turning Basin, to D. Hall, Cotton Exch. Bldg., $35,800. Engrs. est. $45,000.

Pilot Tunnel—Seattle, Wash.—Bd. Pub. Wks., 3,850 lin.ft. pilot tunnel in Hanford St., to J. F. Herman, 2421 Harvard Ave. N., $52,525.

Gas Pipe—Long Beach, Calif.—For 171,660 ft. 1¼- to 24-in. gas pipe, to Amer. Wholesale Hardware Co., 1500 West Anaheim, Long Beach, $67,592, and to Crane Co., 321 East 3rd St., Los Angeles, $55,993.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Long Beach Blvd., etc., to Newbery Electric Co., 726 South Olive St., $130,728; and Mesmer Ave. between east terminus and Esplanada, to A. C. Rice, 1957 Santee St., $34,840. Noted June 2.

Lighting System, Underground Conduits, etc.—Pasadena, Calif.—Ornamental lighting system on Fair Oaks Ave. between Washington St. and north city limits, also lighting system, underground conduits, etc. on Bway. between Green and Walnut Sts., to Ducey & Breitenstein, 687 South Bway., $28,200 and $25,750 respectively.

Tunnel — Blakeburn, B. C.—Coalmont Collerles Ltd., 2,000 ft. 8 x 10 ft. tunnel, to Stewart & Booker, 828 Vancouver Blk., Vancouver, $35,000.

See proposal advertising on page 151

Materials

Bids Desired

Steel—Boston, Mass.—June 15, by Transit Dept., 1 Beacon St., 330 tons structural steel, f.o.b. cars 14 Cypher St., South Boston. T. F. Sullivan, chn.

Steam Cinders—Brooklyn, N. Y.—June 15, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, 5,000 cu.yd. steam cinders.

Lumber, etc.—New York, N. Y.—June 15, by P. J. Dooling, comr. Purchase, Municipal Bldg., lumber and paving blocks to Depts. Docks, Parks, Welfare, Plant & Structures and Street Cleaning.

Copper Bonding Wire, Rail Bonds, etc.—Phila., Pa. — June 16, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 15th St., West Phila., copper bonding wire, Contr. 64-1927; rail bonds, terminals, drift pins, etc., Contr. 65-1927; and axles, Contr. 66-1927.

Piston Heads, etc.—Phila., Pa.—June 16, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., piston heads, Contr. 61-1927; also wire nails, fencing and posts, Contr. 62-1927.

Calcium Chloride—South Carolina—June 15, by State Hy. Dept., Columbia, 150 metal drums calcium chloride dust preventive, f.o.b. Camp Jackson. B. M. Sawyer, ch. highway comr.

Limestone Chats—South Carolina—June 11, by State Hy. Dept., Columbia, specified quantities limestone chats at specified delivery points. B. M. Sawyer, ch. highway comr.

Oils and Greases—South Carolina—June 17, by State Hy. Dept., Columbia, lubricating oils and greases for use by department from July 1 to Dec. 31. B. M. Sawyer, comr.

Cement and Asphalt Sand—Cleveland, O.—June 10, by City, 5,000 bbl. portland cement and 10,000 tons asphalt sand.

Wood Poles—Milwaukee, Wis.—June 13, by Central Bd. Purchases, J. W. Nicholson, ch. buyer, 575 wood poles f.o.b. cars Milwaukee. R. E. Stoelting, comr.

Drain Tile—New Hampton, Ia.—See "Excavation, Drainage, Irrigation, Levees, River and Harbors."

Clay Tile Pipe — Omaha, Neb. — See "Unclassified."

Contracts Awarded

Wood Blocks and Pine Lumber—Boston, Mass.—Supply Dept., 45,000 wood blocks, to Jennison-Wright Co., 6 Beacon St. at $62.81 per M; and hard pine lumber in quantities as desired, to New England Wood Preserving Co., 80 Federal St., $88.75 per M. Noted May 12.

Asphalt Oil, etc. — New Jersey — State Hy. Dept., Trenton, to Atlantic Refining Co., 260 South Broad St., Phila., Pa., 227,261 gal. asphalt oil $18,180, 62,290 gal. lignin binder $7,723, and 23,850 gal. joint filler $2,581; to Headley Good Roads Co., Franklin Trust Bldg., Phila., Pa., 26,500 gal. asphalt cement emulsion $5,433; to Standard Oil Co., 31 Clinton St., Newark, 21,550 gal. patching $2,967, and 12,750 gal. joint filler $1,354; to Warner Quinlan Co., 79 Wall St., New York City, 17,450 gal. joint filler $1,825; to New Jersey Amesite Co., Morristown, 2,870 tons bituminous concrete $31,037; to G. M. Brewster, Ft. Lee Rd., Bogota, 853 tons F. A. V. C. 1 $10,193; to Utility Constr. Co., 5 Spring St., New Brunswick, 97 tons sheet asphalt $2,536, and 425 tons F. A. B. C. 1 $10,200; to Union Paving Co., 123 South 21st St., Phila., Pa., 575 tons sheet asphalt $17,605, and 1,145 tons F. A. B. C. 1 $29,477; to Barrett Co., 7 Battery Pl., New York City, 52,185 gal. Class "B" tar $3,105, and 23,951 gal. Grade "B" tar $3,293; to Asphalt Serv. Co., 69 Paterson St., New Brunswick, 17,270 gal. L. K. Class $2,504, to T. Tobish, Mechanic Bldg., Trenton, 46,015 gal. U. B. $6,231, and 37,715 gal. U grade $6,297; to Lambertville Stone Quarry Co., Lambertville, 26,376 tons stone $36,260; to J. T. Dyer Quarry Co., Norristown, Pa., 615 tons stone, $911; to Natl. Supply Co., Mt. Holly, 750 tons sand, and 120 tons gravel $1,575; to General Crushed Stone Co., North Amer. Bldg., Phila., Pa., 4,725 tons stone, $5,437, to Miles-Bitting Co., Allentown, Pa., 327 tons $365, to Consolidated Stone & Sand Co., Montclair, 3,190 tons stone $4,359; to F. R. Upton, Inc., 9 Clinton St., Newark, 1,090 tons $1,527; to Standard Bitulithic Co., 50 Church St., New York City, 718 tons F. A. B. C., $17,485. Grand total $230,442.

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UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Road—Cincinnati, Ohio

Bids were opened by Commissioners of Hamilton County, Feb. 25, for improving Van Zandt Road from North College Hill to I. C. H. 39, from (A) Edward Hine & Son, Harrison, (awarded contract); (B) Brewer & Brewer, Cincinnati; (C) Wilmore Paving Co., Middletown; (D) W. P. Flynn, Cincinnati. The unit bids are as follows:

	A	B	C	D
8,630 cu.yd. excavation	$0.80	$0.62	$0.60	$0.70
170 lin.ft. 12 in. corr. drain pipe including excavation and backfill	2.00	1.55	1.25	1.80
130 lin.ft. 15 in. corr. drain pipe including excavation and backfill	2.50	1.85	1.75	2.30
130 lin.ft. 18 in. corr. drain pipe including excavation and backfill	3.00	2.40	2.00	3.00
80 lin.ft. 12 in. vit. drain pipe	2.00	1.55	3.00	1.50
90 lin.ft. 24 in. vit. drain pipe	4.00	3.00	6.00	3.00
160 cu.yd. crushed stone rolled in place	4.00	3.50	3.50	5.00
40 cu.yd. screenings rolled in place	4.00	3.50	3.50	5.00
1 man hole on pipe sewer—complete	100.00	100.00	150.00	50.00
5,000 lb. iron castings (gutter grates and frames)	.08	.05	.06	.06
15 adjusting sewer man holes	20.00	7.00	10.00	10.00
16 adjusting water valves man holes	20.00	7.00	5.00	10.00
110 adjusting service stop boxes	10.00	3.50	5.00	10.00
22,000 sq.yd. concrete paving 1—1½—3 10 in. thick	2.70	2.75	2.94	3.30
10,900 lin.ft. concrete combined curb and gutter	.90	1.12	.90	1.75
120 sq.yd. bituminous macadam paving 12 in. thick	1.50	3.00	2.00	5.00
300 gal. tar grade I	.20	.15	.20	.15
Bridges and Culverts				
66 cu.yd. excavation foundation dry	1.00	2.00	1.00	1.00
140 cu.yd. concrete 1—2—4	20.00	15.00	17.00	20.00
650 lb. reinforcing steel	.05	.06	.05	.06
2 bridge signs	10.00	10.00	5.00	10.00
4 culvert number plates	5.00	5.00	5.00	10.00
21 remove and reburying bodies in cemetery	20.00	40.00	30.00	25.00
Totals	$84,308	$84,477	$86,517	$105,996

Borings—New York, N. Y.

Bids were opened by Board of Transportation, 49 Lafayette St., Mar. 25 (lowest three), for land and river borings, Harlem River Crossing, West 150th Street and St. Nicholas Place, Manhattan, to River Avenue and East 161st Street, Bronx, from (A) Sprague & Henwood, Inc., 32 Pearl St. (awarded contract); (B) Pennsylvania Drilling Co., Inc., 1812 West Carson St., Pittsburgh; (C) Osborne Drilling Corporation, 122 Greenwich Street, New York. The unit bids are as follows:

	A	B	C
2,350 lin.ft. sinking 2½ in. casings on land	$2.80	$3.00	$3.93
195 dry samples on land	.50	1.00	.50
465 lin.ft. drilling 1¼ in. cores in land	2.80	5.00	3.93
100 lin.ft. determining ground water level	1.00	2.00	.50
205 lin.ft. sinking 2½ in. casings in Harlem River	7.00	9.00	8.00
8 dry samples in Harlem River	4.00	5.00	1.75
120 lin.ft. drilling 1¼ in. cores in Harlem River	7.00	9.00	8.00
Totals	$10,387	$12,735	$13,824

Conduit—Syracuse, N. Y.

Bids were opened by Board of Contract and Supply, May 2, for Contract "D" of Third Conduit, furnishing and delivering gate valves on cars, freight paid, at Camillus, N. Y., from (A) Michigan Valve & Foundry Co., Detroit, Mich.; (B) Renssalaer Valve Co., Renssalaer; (C) Ludlow Valve Mfg. Co. The bids are as follows:

	A	B	C
4 36-in. gate valves	$4,792.00	$4,538.56	$4,760.00
2 30-in. gate valves	2,100.00	2,330.50	2,210.00
6 12-in. gate valves	360.00	393.12	414.00
Totals	$7,252.00	$7,262.18	$7,384.00

Sewers—San Jose, Calif.

Bids were opened by City for constructing cement concrete storm water sewers in portions of Campbell Avenue, Newhall Street, etc., from (A) W. J. Tobin, 527 Santa Ray Ave., Oakland, (awarded contract); (B) Fredrickson & Watson, Oakland; (C) C. E. Prentiss, Berkeley; (D) James Currie, Burlingame; (E) Raisch Improvement Co., San Francisco; (F) Harry Gould, Sacramento; (G) Robert McNair, Oakland; (H) G. C. DeGolyer, Oakland; (I) Municipal Improvement Co., Oakland. The unit bids are as follows:

	A	B	C	D	E	F	G	H	I
6 brick catchbasins	$40.00	$60.00	$70.00	$65.00	$70.00	$60.00	$53.50	$62.00	$47.00
5 brick inlets	50.00	45.00	66.00	60.00	60.00	40.00	48.00	60.00	53.00
152 concrete inlets	36.00	40.00	44.00	30.00	43.00	35.00	34.00	40.00	53.00
80 standard brick manholes	60.00	70.00	66.00	70.00	80.00	60.00	64.00	80.00	62.00
18 special brick manholes	100.00	75.00	71.00	70.00	108.00	65.00	70.00	88.00	72.00
42 automatic Calco gates	10.00	10.00	8.77	20.00	50.00	10.00	10.00	10.00	10.00
11 conc. handhole traps	8.00	10.00	10.00	10.00	.....	4.00	10.00	5.00	15.00
4,630 ft. B&S 8-in. conc. drain	.72	1.33	1.26	1.20	1.00	1.355	1.85	1.10	1.47
30 ft. B&S 10-in. conc. drain	.92	1.89	1.36	1.30	1.10	1.48	2.19	1.20	1.71
280 ft. T&G 12-in. conc. drain	.92	1.94	1.40	1.50	1.30	1.55	2.26	1.50	1.90
2,500 ft. curb and gutter	1.06	.50	1.00	1.50	1.00	1.00	.85	1.20	1.90
260 ft. conc. gutter	.40	.40	.40	.35	.30	.20	.50	.30	.40
4 redwood structures	100.00	100.00	200.00	150.00	50.00	120.00	142.50	150.00	200.00
3,790 ft. B&S 8-in. conc. pipe	.72	1.16	1.20	1.20	.70	1.37	1.48	1.10	.88
2,918 ft. B&S 10-in. conc. pipe	.84	1.33	1.30	1.30	.80	1.49	1.65	1.25	1.07
5,677 ft. T&G 12-in. conc. pipe	.90	1.40	1.43	1.50	1.00	1.56	1.72	1.41	1.38
6,690 ft. T&G 14-in. conc. pipe	1.07	1.48	1.42	1.90	1.25	1.72	1.81	1.62	1.46
4,639 ft. T&G 16-in. conc. pipe	1.29	1.92	1.73	2.00	1.50	1.92	2.24	2.03	1.81
4,483 ft. T&G 18-in. conc. pipe	1.57	1.98	1.93	2.00	2.00	2.24	2.20	2.15	2.23
1,055 ft. T&G 20-in. conc. pipe	1.87	2.36	2.13	2.25	2.47	2.47	2.68	2.35	2.51
1,352 ft. T&G 22-in. conc. pipe	2.62	2.75	2.67	2.80	3.00	3.01	3.07	3.14	3.32
4,931 ft. T&G 24-in. conc. pipe	2.63	3.04	3.14	2.75	3.00	3.08	3.36	3.28	3.38
9,333 ft. T&G 27-in. conc. pipe	4.45	3.53	3.48	3.25	3.50	3.75	3.85	4.04	4.39
7,842 ft. T&G 30-in. conc. pipe	5.75	4.75	4.76	4.85	5.60	5.08	4.42	5.56	5.95
1,260 ft. 5-in. conc. pave	.30	.30	.35	.30	For 3	.50	.35	.20	.30
700 ft. 4-in. asph. pave	.60	.40	.40	.20	Items	.70	.55	.25	.30
Per wye branch	2.00	1.50	5.00	1.00	$2,000.00	2.00	1.50	4.00	3.00
Totals	$156,091	$158,635	$158,902	$159,943	$159,999	$168,792	$172,263	$174,832	$181,610

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UNIT PRICES *continued on page 382a*

FASTEST

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Powerful 50 H. P. Motor
Swings 5½ Revolutions per min.
Line speeds—155 ft. per min.
High Speed Boom Hoist—Triple Safety Locks
P & H Powerful Positive Patented Crowding Motion
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ONE-HALF YARD GASOLINE EXCAVATOR

UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Current Unit Bids Culled from Construction News

In Boston: Stone ballast $2.125 per ton for 13,000 tons; yellow pine $103 per M ft. b.m., for 113 M long leaf; wood blocks $62.81 per M.; beach gravel $1.37 per ton, as required until Dec. 31.

Pig lead $7.05 per 100 lb. at Providence for 25,000 lb.; 30,000 lb. lead pipe at $0.081 per lb.

$5.72 per line.ft. of subway is the contract price of a 6x4½-ft. concrete cable subway, 7,000 ft. long, for the British Columbia Electric Ry. Co., at Vancouver, B. C.

$6.25 per sq.ft. of floor space for a fruit terminal for the New York, New Haven & Hartford R.R. at Providence. The terminal will be two story and basement, 100,000 sq.ft.

$8,000 per mile estimated for gas pipe line, probably 10-in. in Texas.

$1.25 per lin.ft. estimated for oil pipe line, 60,000 ft. of 6-in. in Oklahoma; $5.42 per lin.ft. for 73,920 ft. of 4-in. gas pipe line.

Water System—Akron, N. Y.

Bids were opened by Board Water Commissioners, Feb. 24, for improving water system, Division I, from (A) F. C. Schloss (awarded contract); (B) Wright & Kremers, Niagara Falls; (C) Currie & Macy, Inc., Rochester; (D) Shepard Construction Co., Syracuse; (E) J. H. Cairns, East Rochester; Division II, from (A) Lloyd Munsie, Rochester (awarded contract); (B) C. Schiavone, Niagara Falls; (C) F. A. Ursetty, Buffalo; (D) H. W. Golden, Troy; (E) Oatka Engineering Co., Division III, from (A) U. S. Cast Iron Pipe Co., 957 East Ferry St., Buffalo; (B) Central Foundry Co., 41 West 42nd St., New York City; (C) R. D. Wood & Co., Philadelphia; Division IV, from (A) Norwood Engineering Co., Florence, Mass. (awarded contract); (B) F. B. Leopold Co., Inc., Pittsburgh, Pa.; (C) Wright & Kremers, Niagara Falls. The unit bids are as follows:

Division I.	A	B	C	D	E
Clearing and grubbing (lump sum)	$1,000.00	$2,000.00	$1,000.00	$3,000.00	$1,400.00
22,930 cu.yd. embankment	.70	.55	.67	.60	.62
400 cu.yd. core wall and pipe trench excavation	1.00	3.00	2.00	1.75	.70
2,110 cu.yd. rip-rap	.....	1.00	1.25	1.00	2.00
220 cu.yd. class "C" concrete plain	10.00	8.30	12.00	13.00	11.50
407 cu.yd. class "C" concrete reinforced	15.00	13.20	12.50	13.00	14.00
148 cu.yd. class "B" concrete	15.00	12.75	14.00	14.50	14.30
133 cu.yd. class "A" concrete	14.00	12.00	15.00	15.50	13.80
150 cu.yd. rock excavation	1.00	8.00	6.00	6.00	5.00
240 ft. 20-in. pipe hauling and laying	2.00	2.50	1.25	3.50	1.05
200 ft. 10-in. pipe hauling and laying	1.00	1.00	.75	1.75	.47
1 setting 20-in. valve	25.00	25.00	25.00	40.00	8.00
1 setting 10-in. valve	15.00	25.00	25.00	15.00	4.00
1 wood rack in place	25.00	25.00	25.00	34.50	25.00
9,700 lb. reinforcing steel in place	.05	.05	.06	.06	.07
1,000 lb. miscellaneous steel "Filtration Plant"	.05	.10	.15	.11½	.10
Brick building (lump sum)	1,675.00	2,200.00	2,000.00	2,000.00	1,900.00
150 cu.yd. reinforced concrete	15.00	18.00	20.00	15.50	26.50
16,000 lb. reinforcing steel	.05	.05	.06	.06	.07
Totals	$35,993	$36,963	$39,712	$40,088	$41,203
Division II.					
Bell & Spigot	A	B	C	D	E
65,000 ft. 10-in. class "B and C" cast iron pipe	$0.61	$0.55	$0.69	$0.69	$0.69
4,000 lb. special castings	.01	.....	.02	.10	.03
7 10-in. valves set in place with boxes	3.00	5.00	4.00	15.00	10.00
10 1-in. air valves set in place	.....	.....	.....	.....	.....
Totals	$39,711	.....	$44,958	$45,355	$45,040
Bell & Spigot Centrifugal-de Lavaud					
65,000 ft. 10-in. class 150 cast iron pipe	$0.59	$0.55	.....	$0.69	$0.69
4,000 lb. special castings	.01	.....	.....	.10	.03
7 10-in. valves in place with boxes	3.00	5.00	.....	15.00	10.00
10 1-in. air valves set in place	1.00	5.00	.....	50.00	7.00
Totals	$38,421	$35,885	.....	$45,405	$45,110
Universal					
65,000 ft. 10-in. class 100 cast iron pipe	.50	.54	.60	.63	.64
4,000 lb. special castings	.01	.....	.02	.10	.03
7 10-in. valves in place with boxes	3.00	5.00	4.00	15.00	10.00
10 1-in. air valves set in place	1.00	5.00	.....	5.00	7.00
Totals	$32,571	$35,235	$39,108	$41,525	$41,860
Division III.			A	B	C
Bell & Spigot					
20,000 ft. 10-in. class "C" cast iron pipe			$1.62	.....	$1.76
45,000 ft. 10-in. class "B" cast iron pipe			1.46	.....	1.58
4,000 lb. B & S special castings			.05½	.....	.05½
Totals			$98,330	.....	$106,520
Bell & Spigot Centrifugal-de Lavaud					
65,000 ft. 10-in. class 150 cast iron pipe			1.29	.....	.....
4,000 lb. special castings			.05½	.....	.....
Totals			$84,070	.....	.....
Universal					
65,000 ft. 10-in. class 100 cast iron pipe			.....	$1.45	.....
4,000 lb. special castings			.....	.06	.....
Totals			.....	$94,490	.....
Division IV.			A	B	C
Filter equipment, including sand and gravel (lump sum)			$7,100.00	$7,600.00	$8,750.00

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